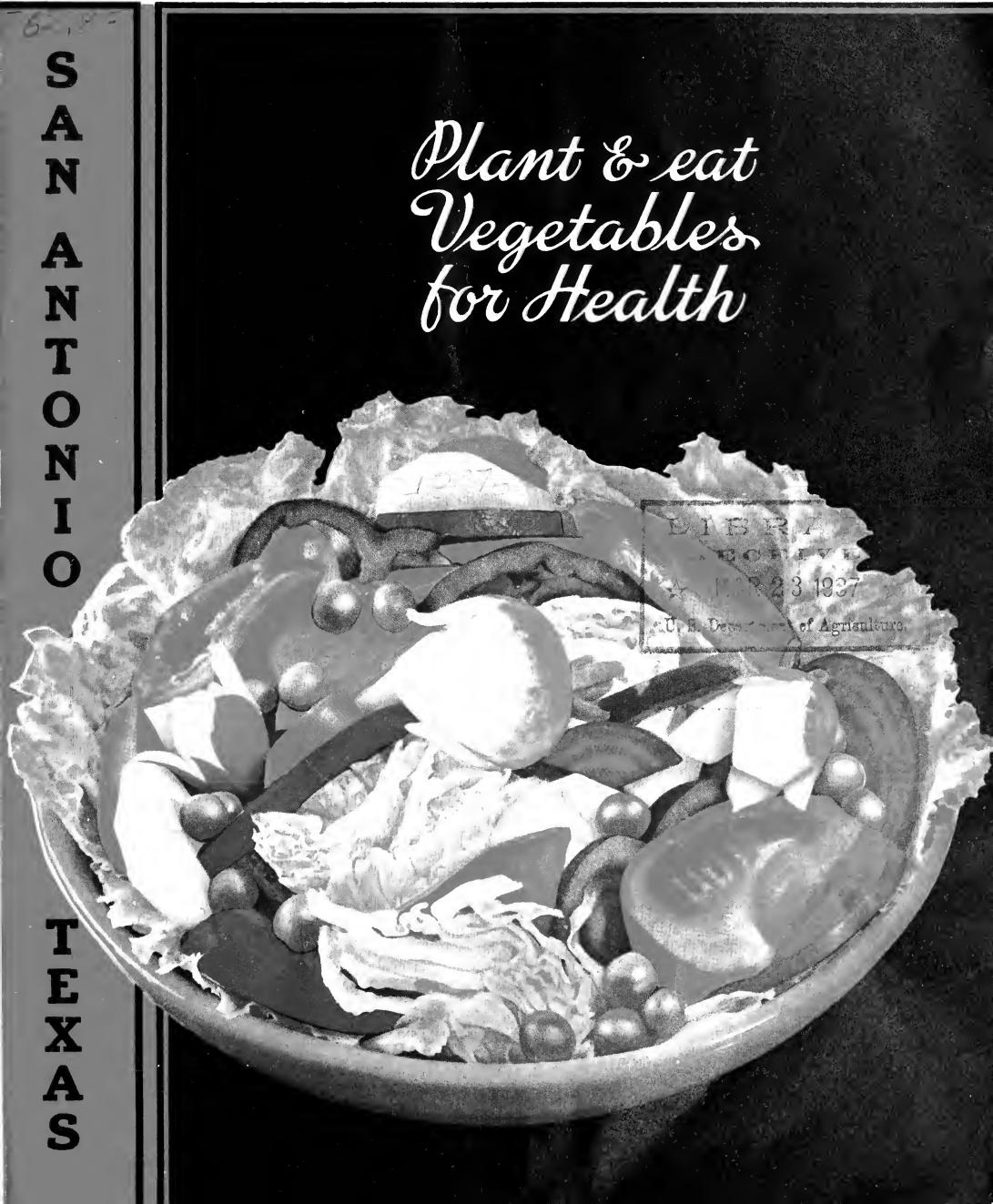
## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.

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# SATEX SEED CO.

Seed and Poultry Supply Annual



# Don't Gamble With Inferior Seeds PLANT SATEX TESTED SEEDS

SATEX SEEDS are as high or higher in quality now than at any time in the history of our establishment. We offer you the finest quality seeds, purest strains at the lowest prices possible consistent with quality seed. We feel safe in saying that you cannot buy better seed no matter what you pay. REMEMBER—Nothing is so dear as cheap seed. You can send your order to us with confidence, secure in the knowledge that you will receive only the best seed available. Every lot of seed is thoroughly analyzed for purity and germination. Tests are also conducted on every lot of seed on our proving grounds for type. The cost of seed is the smallest item in the cost of producing a crop. So, why gamble? Order SATEX TESTED SEED and plant with confidence.

HOW TO ORDER—You will find and addressed envelope enclosed with this catalog. Write your name and address plainly. Be sure to specify how you want your order shipped unless it is a postpaid order. We fill all orders the day received, unless unable to supply same at the time, and will advise you accordingly, so do not hesitate to write us if the goods do not show up.

REMITTANCES should be made by Postoffice Money Order, Bank Draft or Personal Checks. On orders up to One Dollar, we will accept clean unused postage stamps. If currency is sent, letter should be registered. The proper way is to send remittance in full to cover order and postage. We send orders C.O.D. only if 25 per cent of the amount of order is enclosed. PLANTS ARE NEVER SENT C.O.D.

MEXICO CUSTOMERS—Add 20c for first pound and 11c for each extra pound to prices, also 15c for registration. We ship up to 20 pounds per package into Mexico.

all Garden and Flower SEED listed in catalog are postpaid up to the fifth zone unless otherwise noted. Field Seeds, Bulbs, Poultry Supplies, Remedies, Insecticides, etc., are quoted F.O.B. San Antonio If you desire same shipped by parcel post, see parcel post rate below for additional amount to be enclosed with order.

## OUR GUARANTEE-

We guarantee the safe delivery of all Seeds, Bulbs, Plants or merchandise that you order from us. We guarantee all merchandise to be exactly as illustrated, described and represented. Any item not found to be entirely satisfactory, will be replaced free of charge, or we will refund you every cent you paid, including transportation charges both ways.

Even with the highest quality Seeds, Bulbs, and Plants, success in gardening or farming depends largely on cultivation, soil and weather conditions. Therefore—

SATEX SEED CO. gives no warranty, express or implied as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, Plants, or Trees they send out, and will in no way be responsible for the crop. If the purchaser does not accept seeds on these terms, they are to be returned at once.

## PARCEL POST RATES

Zones								
Lbs.	1 & 2	3rd	4th	5th	6th	7th		
1	\$0.10	\$0.10	\$0.11	\$0.12	\$0.13	\$0.15		
$\overline{2}$	.10	.11	.14	.17	.19	.23		
3	.11	.13	.17	.22	.26	.32		
4	.12	.15	.21	.27	.33	.41		
5	.13	.17	.24	.33	.40	.50		
6	.14	.19	.28	.38	.47	.59		
7	.15	.21	.31	.43	.54	.68		
8	.16	.23	.35	.49	.61	.77		
9	.17	.25	.38	.54_	<b>.6</b> 8	.86		
10	<b>.1</b> 8	.27	.42	.59	.75	.95		
11	.19	.29	.45	.64	.82	1.04		
12	.21	.31	.49	.70	.89	1.13		
13	.22	.33	.52	.75	.96	1.22		
14	.23	.35	.56	.80	1.03	1.31		
15	.24	.37	.59	.86	1.10	1.40		
16	.25_	.39	.63	.91	1.17	1.49		
17	.26	.41	.63	.96	1.24	1.58		
18	.27	.43	.70	1.02	1.31	1.67		
<u> 19</u>	.28	.45	.73	1.07	1.38	1.76		
_20	.29	.47	.77	1.12	1.45	1.85		
21	.30	.49	.80	1.17	-1.52	1.94		
22	.32	.51	.84	1.23	1.59	2.03		
23	.33	.53	.87	1.28	1.66	-2.12		
24	.34	.55	.91	1.33	1.73	2.21		
25	35	.57	.94	1.39	1.80	2.30		
26	.36	.59	.98	1.44	1.87	2.39		
27	.37	.61	1.01	1.49	1.94	2.48		
28	.38	.63	1.05	1.55	2.01	2.57		

Zones								
Lbs.	1 & 2	$3 \acute{\mathbf{r}} \mathbf{d}$	4th	5th	6th	7th		
29	.39	.65	1.08	1.60	2.08	2.66		
30	.40	.67	1.12	1.65	2.15	2.75		
31	.41	.69	1.15	1.70	2.22	2.84		
32	.43	.71	1.19	1.76	2.29	2.93		
33	.44	.73	1.22	1.81	2.36	3.02		
34	.45	.75	1.26	1.86	2.43	3.11		
35	.46	.77	1.29	1.92	2.50	3.20		
36	.47	.79	1.33	<b>1.97</b>	2.57	3.29		
37	.48	.81	1.36	2.02	2.64	3.38		
38	49	.83	1.40	2.08	2.71	3.47		
39	.50	.85	1.43	2.13	2.78	3.56		
40	.51	.87	1.47	2.18	2.85	3.65		
41	.52	.89	1.50	2.23	2.92	3.74		
42	.54	.91	1.54	2.29	2.99	3.83		
43	.55	.93	1.57	2.34	3.06	3.92		
44	.56	.95	1.61	2.39	3.13	4.01		
45	.57	.97	1.64	2.45	3.20	4.10		
46	.58	.99	1.68	2.50	3.27	4.19		
47	.59	1.01	1.71	2.55	3.34	4.28		
48	.60	1.03	1.75	2.61	3.41	4.37		
49	.61	1.05	1.78	2.66	3.48	4.46		
50	.62	1.07	1.82	2.71	$3.5\overline{5}$	4.55		
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1400 to 188, the 7th; over 1800 miles, the 8th zone.



Martha Washington

## Asparagus 2 oz. to 100 feet of drill

MARTHA WASHINGTON—Light green, heavy yielding early producing, large, clear stalks of excellent quality. Very early. Pkt. 5c; oz. 10c; 1/4 lb.. 30c; 1 lb. 75c

## **BEANS Green Bush Beans**

1 lb. to 100-ft. row

BURPEE'S STRINGLESS GREEN POD—52 days—The pods are medium green, 5 to 6 inches long cylindrical, larger than those of the Red Velentine, but not quite as fleshy, of equally high quality and remain crisp and tender longer. Absolutely stringless. Pkt. 10c; lb. 30c, postpaid; 10 lbs. \$1.50, not postpaid.

GIANT STRINGLESS GREEN POD-54 days-Another exceptionally fine bean for home or market, perfectly stringless, pods longer than Burphee's Stringless, strong, vigorous grower, and a continuous bearer of delicious beans for weeks. Pkt. 10c; lb, 30c, postpaid; 10 lbs. \$1.50, not postpaid not postpaid.

TENDERGREEN or NEW STRINGLESS GREEN POD-52 days—Highly desirable for truckers and canners. Plant medium large, erect, somewhat thick stemmed, heavily productive. Pods nearly straight, dark green, round, meaty, succulent, absolutely stringless, of outstanding quality. Pkt. 10c; lb. 30c, postpaid; 10 lbs. \$1.50, not postpaid.



1/2 lb. to 100-ft. row

IDEAL MARKET or BLACK-SEEDED POLE BEAN-58 days—This bean is acknowledged to be the best pole bean in existence. It yields better than all other varieties and is very thrifty and extremely prolific. The pods are thick, stringless, meaty, tender and delicious. Pkt. 10c; lb. 35c, postpaid.

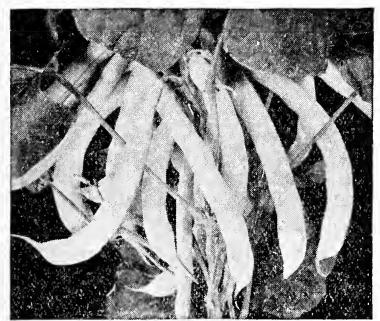
STRIPED CREASEBACK—72 days—A hardy and very productive green podded cornfield bean. The vines are sturdy and of good climbing habit, with small-medium, deep green leaves. The pods are long, about 6 inches, very cylindrical or completely rounded.

Large pkt. 10c; 1 lb. 30c, postpaid.

KENTUCKY WONDER—65 days—An excellent green-podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. They hanging in great clusters along the entire vine. cook very tender and melting. Seed dark brown. Pkt. 10c; lb. 30c, postpaid.

KENTUCKY WONDER (WAX)—68 days—One of the earliest of the pole wax sorts. Pods 8 to 9 inches long, thick, decidedly creaseback; very fleshy, brittle, but stringy. Attractive and fair quality. Color light yellow. Pkt. 10c; lb. 35c, postpaid.

## **Bush Wax Beans**

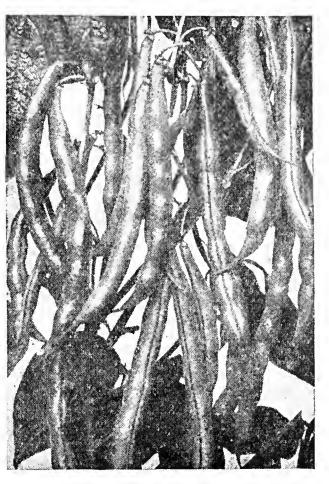


Improved Golden Wax

IMPROVED GOLDEN WAX-49 days—One of the best beaus in cultivation. Pods are long, nearly straight, broad and flat, and golden yellow; seed white, more or less covered with two shades of purplish red. Pkt. 10c; lb. 30c, postpaid; 10 lbs; \$2.00, not postpaid.

PROLIFIC BLACK WAX-51 days—Early; pods are round, about 5 inches long, fleshy, brittle and stringless, deep yellow in color and attractive. Standard sort. Pkt. 10c; lb. 30c, postpaid; 10 lbs. \$2.00, not postpaid.

PENCIL POD WAX-52 days—Early and very productive: pods large, 5 to 6 inches long, round, straight and creaseback, strictly stringless, free from fibre, fleshy and brittle: of highest quality: color very clear yellow. Pkt. 10e; lb. 30e, postpaid; 10 lbs. \$2.00, not postpaid.



Stringless Green Pod

## **Bush Lima Beans**

HENDERSON'S DWARF LIMA-66 days—The earliest variety of dwarf Lima Beans, fully 2 weeks earlier than any other variety. Plants about 16 inches high and very prolific. Beans are small. Recommended to anyone desiring early Lima Beans.

Pkt. 10c; lb. 35c, postpaid; 10 lbs. \$2.00, not postpaid. SPECKLED BUSH LIMA—65 days—This variety is generally known as "calico or speckled" butter bean. The beans are of fine quality, either green-shelled or dry. It is very prolific and does well in the driest weather. The seed is sort of a brownish color.

Pkt. 10c; lb. 35c, postpaid.

## Pole Lima Beans

CAROLINA or SIEVA-77 days-Beans are small and white on the order of Henderson Bush Lima. Plant of large growth, very early, vigorous and productive. Pkt. 10c; lb. 35c, postpaid.

POLE SPECKLED LIMA-78 days—This fine Butter Bean is better adapted for the wants of the Southern farmer than any other variety. It is a certain and abundant cropper. The vines are strong growers and cling well to the poles or trellis. Bear early and late. Both pods and beans are larger than the old white Carolina or Sieva Butter Beans; the beans are speckled in color, white splotched with red but are of the very highest quality, both in the green and dry state. Pkt. 10c; lb. 35c, postpaid.

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With every order of

Garden Seed in ounces and packets, we will send you FREE 25c worth of Garden or Flower Seed in packets of your own selection. In other words, order \$1.25 worth of Garden or Flower Seed in packets and ounces and send \$1.00 with your order.

## NOTICE

We wish it distinctly understood that this free offer applies only to seeds in packets and ounces, and not for seeds by weight (over one ounce).

NEVER CULTIVATE OR HANDLE ANY KIND OF BEANS WHEN THE VINES ARE WET. THIS IS THE EASIEST WAY TO SPREAD A SERIOUS DIS-EASE AND RUIN THE CROP.

## Garden Beets

1 oz. to 50-ft. row

CROSBY'S EGYPTIAN-60 days—We have an unequalled strain of this superb, extra early sort. A flattened globe shape; skin very dark red, flesh a trifle

lighter in color and slightly zoned. Tops small.

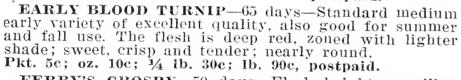
Pkt. 5e; oz. 10e; 1/4 lb. 30e; lb. 90e, postpaid.

EXTRA EARLY LIGHT ECLIPSE -65 days-A fine early table beet, to p-s haped or tapering, globe shaped. Flesh deep crimson, zoned with pink. Crisp and sweet.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

DETROIT DARK RED TURNIP—68 days — Roots a re roundish, smooth; dark red; flesh is bright red zoned with lighter; crisp, tender. sweet, and a good keeper.

Pkt. 5e; oz. 10e; 34 lb. 30e; lb. 90c, postpaid.



Detroit Dark Red

FERRY'S CROSBY-50 days—Flesh bright vermillon red with fainter zoning Tops small, but fairly coarse. Root flattened, globe shape with small tap root. Pkg. 5e; oz. 10e; ¼ 1b. 35c; 1b. \$1.00, postpaid.

## Swiss Chard

FORDHOOK GIANT-50 days-No other garden vegetable will produce more nutritious food from a small space than Swiss Chard. Of rapid growth. Foliage and leaf stalks used same as Asparagus or Spinch. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

LARGE-RIBBED WHITE—50 days—Large, smooth leaves of thick texture grown mostly for the heavy main ribs, which are prepared like Asparagus. The green succulent foliage is used like Spinach. An old standard variety which still is grown also quite extensively for its poorly white stellar tensively for its pearly white stalks. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

## Mangel Wurzel Beets

1 oz. to 100-ft. row

GIANT FEEDING SUGAR—(Half Sugar Mangel)— 110 days—A beet which is superior to Mangels for stock feeding purposes, as it is more nutritious, having a large amount of sugar. It is oval in shape, grows partly out of the ground, of large size and yields enormous crops. Pkt. 5e; oz. 10e; 1/4 lb. 20e; lb. 50c, postpaid.

IMPROVED MAMMOTH LONG RED—110 days—The largest of all the Mangels and the heaviest cropper. Skin is red, flesh white zoned with red. This variety produces a larger amount of good feed than any other Beet and is recommended as superior to all others. Pkt. 5e; oz. 10e; 1/4 lb. 20c; lb. 50c, postpaid

## Broccoli

1 oz. to produce 2000 plants

CALABREZE GREEN SPROUTING-65 days-This is a distinct variety grown by Italian market-gardeners for Italian trade only. The plant forms a large solid head which remains green. After this head is cut off, a number of smooth sprouts develop from the leaf-axes, each sprout terminating in a small head about one inch in diameter. Bunched and sold as a second crop. Sow seed in frames early in spring; market in June and July. Pkt. 5c; oz. 40c; 1/4 lb. \$1.10; lb. \$3.50, postpaid.

DON'T TRY "WATCHFUL WAITING" FOR BUGS, WORMS AND OTHER VERMIN. SWAT 'EM OR THEY WILL SPOIL ALL OF YOUR PLANTS.

## Cabbage

1 oz. to produce 2000 plants

**VOLGA** or RUSSIAN—85 days—A new medium sized sort, with round, solid heads, which are deep through. It is extremely hardy.

Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$2.00, postpaid.

RED ROCK—110 days—The largest and surest heading red cabbage, round, solid and dark red, medium

Pkt. 5c; oz. 25c; ¼ 1b. 75c; 1b. \$2.00, postpaid.

EARLY JERSEY WAKEFIELD—65 days—The most widely known and popular extra early variety. Heads are broad cone shaped and very solid.

Pkt. 5c; oz. 20c; ¼ 1b. 65c; 1b. \$2.00, postpaid.

DRUMHEAD SAVOY—90 days—Heads round, compact,

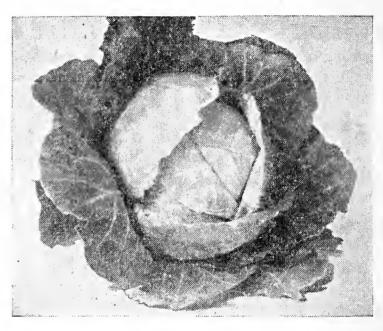
Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid.

EARLY DRUMHEAD—90 days—We recommend this sort for markets that require a very large and deep head. Plant large with few outside leaves, stem of medium length; a sure heading variety of excellent quality. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

CHARLESTON WAKEFIELD—75 days—About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger.

Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.25, postpaid.

Pkt. 5c; oz. 25c; 1/4 lb. 75c; lb. \$2.25, postpaid.



All-Head Early

ALL-HEAD EARLY—77 days—Deep flat heads slightly rounded at top, 8 to 9 inches broad, 6½ to 7 inches deep, usually weigh about 6 pounds. Uniform in size and color. The solid heads are of the finest quality. A heavy yielder.

heavy yielder.

Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

STEIN'S EARLY FLAT DUTCH-90 days—An early and excellent type of Early Flat Dutch, with a medium stem. Heads round, flat and solid.

Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

COPENHAGEN MARKET—75 days—Very fine, stem short, heads large, round and solid, with few outer leaves of an upright growth. Nearly as early as Lorsey Wakefield.

Jersey Wakefield.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid.

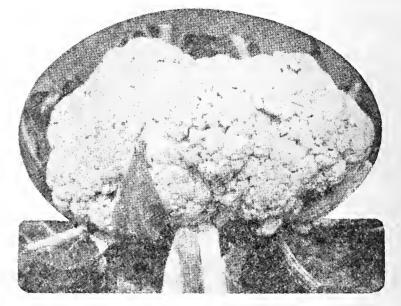
GLORY OF ENKHUIZEN—\$5 days—A dependable variety heading right after Copenhagen Market.

Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

CHINESE CABBAGE (Pe Tsai)—75 days—Sometimes called Celery Cabbage: resembles Cos. Lettuce of much

called Celery Cabbage; resembles Cos Lettuce as much as Cabbage, though with a decided cabbage flavor. Pkt. 5c; oz. 50c; ¼ lb. \$1.50; lb. \$3.50, postpaid.

## Cauliflower



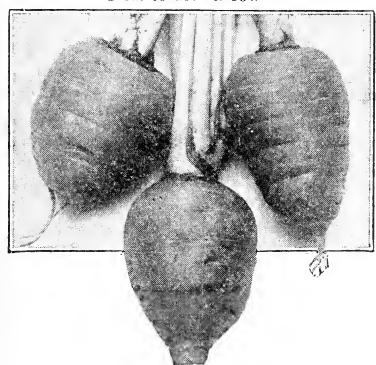
## Cauliflower-Cont.

WHITE WONDER—55 days—We believe this to be the best variety in existence, about 7 days earlier than Early Snowball It is early, of dwarf compact growth and sure to produce fine heads. Very much depends on the quality of Cauliflower seed. We handle only the best Danishgrown seed from a well known, reputable grower, which we confidently recommend. Pkt. 20c; oz. \$2.00; ¼ lb. \$6.00; lbs. \$20.00, postpaid.

EARLY SNOWBALL—65 days—Popular extra early strain, of dwarf, compact growth. Every plant will make a fine solid head of good size, under favorable circumstances. Pkt. 10c; ¼ oz. 50c; oz. \$2.00; ¼ lb. \$5.00; lb. \$15.00, postpaid.

## Carrots

1 oz. to 100-ft. row



Oxheart

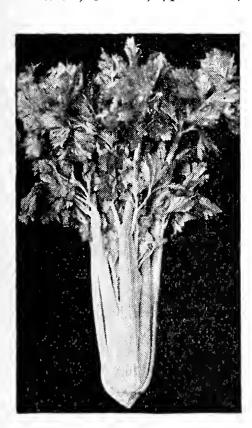
ORANGE DANVERS HALF LONG-75 days—Broad shouldered, cylindrical, admirable in color. Always a favorite because reliable and attractive in form, color and weight. Most popular sort. Pkt. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.00, postpaid.

OXHEART or GUERANDE—72 days—One of the most popular and best croppers among the short carrots. The shape is particularly desirable for heavy soil. The true type is about 4½ inches long and 3½ inches thick at the shoulder. It tapers slightly to the bottom and is very stump-rooted.

Pkt. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.00, postpaid.

CHANTENAY—72 days—One of the best carrots for all purposes. Roots about 6 inches long, blunt pointed, smooth, fine grained, sweet, a heavy yielder. Pkt. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.00, postpaid.

MORSE BUNCHING-80 days-Tops short, foliage rather shortly cut, stems medium size and strong. Roots at maturity 1½—1½ by S inches in size. Almost cylindrical with rounded shoulders and are well stumped. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25, postpaid.



## Celery

1/4 oz. to 100-ft. row

GOLDEN SELF-BLANCHING-120 daysmarket variety especially for early summer. The plant is naturally golden-yellow both stem and leaves, but needs to be blanched to make it brittle and fit for table use. Forms a rather small bunch.

Pkt. 5c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00, postpaid.

## Collards

1 oz. to 100-ft. row GEORGIA SOUTHERN-Plant 2 to 3 feet high, forming a cluster of tender undulated leaves at the top of its rather long stem; used as greens.
Pkt. 5c; oz. 15c; ¼ lb.
25c; lb.. 75c, postpaid.

#### Sweet Corn

1 lb. to 100-ft. row

EXTRA EARLY ADAMS -- 75 days—This is not a Sugar Corn, but is earlier. The ears are short, 12-rowed, and while in condition for roasting cannot be told from Sugar Corn. It will stand earlier planting than Sweet Corn and is a favorite wherever worms work badly on early corn. Pkt. 10c; lb. 30c, postpaid.

GOLDEN BANTAM-80 days-Early; golden yellow in color and of highest quality. Ears 6 to 7 inches long, 8-rowed, bearing from 2 to 4 ears to a stalk. Pkt. 10c; Ib. 35c, postpaid.

COUNTRY GENTLEMAN -- 90 days-An especially fine quality corn, cob small, white and densely covered with long slender white grains without row formation.

Pkt. 10e; lb. 35c, postpaid.

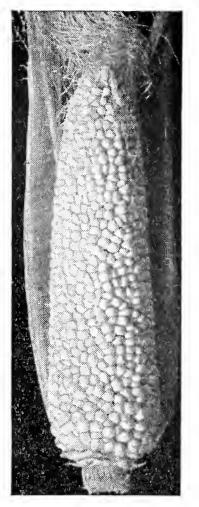
TRUCKERS' FAVORITE - 85 days—A splendid early white corn, coming in directly after Adams Early but much larger. Has a deep white soft grain.

Pkt. 10c; lb. 30c, postpaid.

STOWELL'S EVERGREEN-95 days-A standard main crop variety, much used for the home garden, market, and canning. Gountry Gentleman

Hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling.

Pkt. 10c; lb. 35c, postpaid.



## Cucumbers

1 oz. to 100-ft. row



Early Fortune

EARLY FORTUNE—65 days—Early, good dark color and prolific. Fruits average about 10 inches. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

EXTRA LONG WHITE SPINE or EVERGREEN 65 days—A fine strain; smooth, frequently 10 inches long; round, handsome, very regular Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

IMPROVED CHICAGO PICKLING-59 days-Meets the most exacting requirements of critical pickle makers. Vines healthy and very productive. Fruit the right size, shape, color and quality. Pkt. 5e; oz. 10e; ¼ lb. 35e; lb. \$1.00, postpaid.

STAY-GREEN—55 days—"Stay-Green" is the earliest of the White Spine type; fruit 7 to 8 inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yielder, shipping quality unexcelled, and always commands the highest market price.

IMPROVED EARLY WHITE SPINE—60 days—Vines vigorous, fruiting early and abundantly. Fruit goodsized, straight and smooth. Splendid for table use and

especially desirable for pickles. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

Pkt. 5e; oz. 10e; ¼ lb. 35e; lb. \$1.00, postpaid.

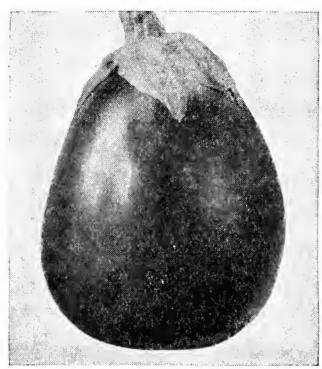
IMPROVED LONG GREEN-70 days-Uniform in size. straight, smooth; deep green in color and a great favorite for slicing. Pkt. 5e; oz. 15e;  $\frac{7}{4}$  lb. 45e; lb. \$1.25, postpaid.

Plant small, quick growers like lettuce, radishes, ctc., between the rows of larger, slower maturing sorts. In the case of early sorts such as spinach, start tomatocs, corn. etc., between the rows to occupy the ground after the former is harvested.

WHEN YOU WATER, DO IT THOROUGHLY -DON'T SPRINKLE, SOAK

# Egg Plant 1 oz. to produce 2000 plants

BLACK BEAUTY-S1 days-Rich dark purple, large and symmetrical, maturing a little earlier than our Improved Large Purple, but usually not quite as large. Very desirable for the market, as the fruit holds its color for a long time. Pkt. 5c; oz. 45c; ¼ lb. \$1.35; lb. \$4.00, postpaid.

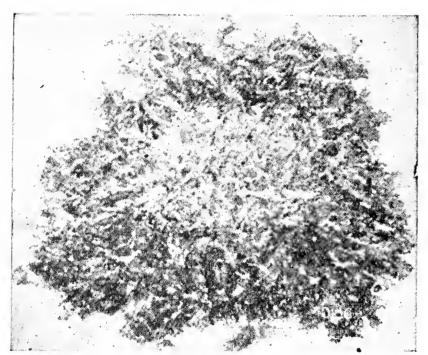


Black Beauty

IMPROVED LARGE PURPLE (Spineless)—S3 days— This variety is a genuine favorite both for market and home garden. The plant is spineless, large and spreading, with light green foliage. It usually produces 4 to 6 large, oval fruits of a splendid dark purple color. The vigor and productiveness and fine quality of the fruit makes it a most profitable variety for market gardening. Pkt. 5c; oz. 45c; ¼ 1b. \$1.35; 1b. \$4.00, postpaid.

## Endive

1 oz. to 100-ft. row



Ever White Curled

LARGE GREEN CURLED-95 days—Has very curly leaves, the mid-ribs being white and whitish, and the outer edges very much indented and crested. A very attractive plant and one of the best varieties. Pkt. 5c; oz. 15c; 1/4 lb. 30c; lb. 90c, postpaid.

EVER WHITE CURLED—100 days—The plants are moderately dense, with divided leaves, which are very light yellowish green in color, even the outer ones being very light. This variety blanches readily to an attractive creamy white.

Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. \$1.00, posptaid.

## Kale

1 oz. to 100-ft. row

DWARF CURLED SCOTCH-55 days-A finely curled, spreading, low growing variety, very hardy and much used for greens. This sort, sometimes called "Norfolk," is grown extensively in the South for shipment, and is largely planted for the home garden. The leaves are long and attractive bright green. This sort is often used for garnishing.

Pkt. 5e; oz. 8c; ¼ lb. 30c; lb. 90c, postpaid.

## Kohl Rabi

1 oz. to 100-ft. row



EARLY WHITE VIENNA—55 days—A turnip-like bulb, formed above ground, combining somewhat the flavor of Cabbage and Turnips. The bulb is large enough of be used in 10 to 12 weeks from time of sowing, and is most tender and deliciously flavored before fully matured.

Pkt. 5c; oz. 20c; 1/4 lb. 60c; lb. \$1.75, postpaid.

LARGE GREEN-65 days-This sort is also called Large White. It is hardy, quite late, and used for feeding stock. Bulbs large, weighing 8 to 10 pounds when fully grown; whitish green in color, leaves large and very numerous.

Pkt. 5c; oz. 15c; 1/4 lb. 50c; lb. \$1.50, postpaid.

### Lettuce

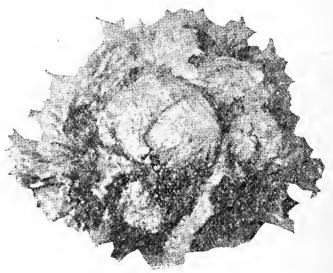
1/2 oz. to 100-ft. row

EARLY PRIZE HEAD-Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinted with brownish red. It is of superb flavor and very hardy. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

ICEBERG—84 days—A large crisp lettuce, always tender. Iceberg stands hot weather remarkably. Give each head 14 inches in row. The color is light green lightly tinged with brown. Try this either for home or market garden. A little larger than Los Angeles and, similar.

Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.10, postpaid.

NEW CHICKEN LETTUCE—Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut it starts to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk 3 or 4 feet high, just loaded with leaves. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.10, postpaid.



Satex Special New York

SATEX SPECIAL NEW WORK—80 days—The standard head Lettuce grown so largely in California and misnamed by the produce trade as Iceberg. Produces immense heads as solid as a Cabbage. The interior is beautifully blanched arrange white onion delicious and beautifully blanched, creamy-white, crisp, delicious and very tender. A very strong, robust growing variety. The outer leaves are attractive deep green, broad, and frilled at the edge

Pkt. 5c; oz. 15c; 1/4 lb. 45c; lb. \$1.25, postpaid.

## Lettuce-Cont.

HANSON—80 days—A fine large-heading variety. Leaves curled on the edges, light yellowish-green in color. The head is crisp and brittle and flavor excellent. Stands warm weather extremely well. Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.00. postpaid.

BIG BOSTON-76 days—A popular market variety used largely in the South to grow winter Lettuce for the northern markets. A light-green cabbage variety, slightly tinged with brown in the head. Has a fine golden buttery head. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00, postpaid.

COS-Forms oblong heads of large size. Considered by many as superior to any other kind. An entire distinct type of Lettuce. Sometimes called "Romaine Celery Lettuce." Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00, postpaid.

#### Mustard 1/2 oz to 100-ft. row



Large Smooth-Leaved

LARGE SMOOTH-LEAVED-30 Days. An excellent sort with very large, light green, plain or comparatively smooth leaves, borne well above the ground. This sort is preferred by many, as it is more easily prepared for the table than the rougher-leaved varieties. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c, postpaid.

SOUTHERN GIANT CURLED-30 Days. Leaves are large, light green with tinge of yellow, much crimpled and frilled at edges. Plant is upright and slightly spreading in growth. This variety is highly esteemed in the South for the market, as well as for the home garden on account of its vigorous growth, hardiness and good quality. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 50c, postpaid.

CHINESE—Leaves twice the size of White English; sweet and pungent. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 50c, postpaid.

JAPANESE MUSTARD-SPINACH—Offered by some dealers in the South as TENDERGREEN. A quick growing vegetable of Oriental origin. In Japan it takes the place of Spinach, as it remains tender even weather. It is virtually an all season plant. Withstands extreme summer heat, also resistant to cold weather. The large, oblong leaves are dark green in color with a very small center rib. The leaves are cooked and prepard for table the same as Spinach and Turnip or Mustard Greens. It compares favorably to these greens in eating qualities. Does not make roots like Turnips; only small thin roots, about 2 or 3 inches in length. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

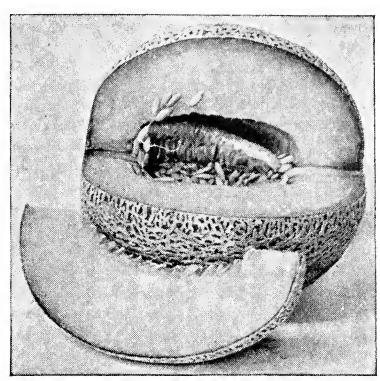
## Muskmelon

½ oz to 100-ft. row

ROCKY FORD or NETTED GEM-92 days—The most largely cultivated variety in use. Grown in great quantities in Colorado. Fruit is slightly oval, finely netted and slightly ribbed. Flesh thick, green, very sweet and of fine quality and high flavor. Pkt. 5e; oz. 10c; 2 oz. 15e; ¼ lb. 30e; lb. \$1.00, postpaid.

BURRELL'S SUPERFECTO—90 days—A Muskmelon that has become very popular in the last few years. Almost round, heavily netted, slightly ribbed; a very

Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.25, postpaid.



Superfecto

HONEY DEW-112 days—The delicious honey-like flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing 8 to 10 pounds each. The rind is perfectly smooth and cream colored. The flesh is from 1½ to 2 inches thick, light green in color, very sweet and injer. very sweet and juicy.
Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.50, postpaid.

CASABA-GOLDEN BEAUTY-110 days-Golden Beauty is bright yellow, about globular, with wrinkled skin. slightly pointed at stem end. The fruits are about 6 to 8 inches in diameter, the flesh pure white and very thick. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.75, postpaid.

HALE'S BEST-85 days—A new variety of Cantaloupe which is grown quite extensively in the Imperial Valley of California. Very early and excellent for shipping. The flesh is salmon and the shape oval, with heavy netting and prominent ribs. Very sweet.

Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. \$1.25, postpaid.

Not prepaid, 5 lbs. \$5.00.

## Watermelon

 $\frac{1}{2}$  oz. to 100-ft. row

GYPSY or GEORGIA RATTLESNAKE-90 days—The melon is long, smooth, distinctly striped with light, mottled and wavy green stripes; flesh bright scarlet, very sugary. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

HALBERT'S HONEY—85 days—Fully equal to Kleck. ley's Sweet, which it resembles. It is more even in outline, blunter at end; skin of a richer, darker color Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.



New Wonder

WONDER MELON—85 days—Here is a watermelon that every grower in the South will plant sooner or later. In quality of flavor there is nothing that will compare with it. A large and long melon resembling the Tom Watson. The rind is rather thin, but tough, cutting a big red heart of the finest melon meat that you have ever tasted. White seed, with few to the melon. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

KLECKLEY'S SWEET-80 days-A very desirable variety for the home garden or nearby markets. Fruit medium-sized, oval and skin dark green, flesh bright red and sweet. Skin is brittle. It is the very sweet, honey-like flavor that makes it especially distinct from all other varieties.

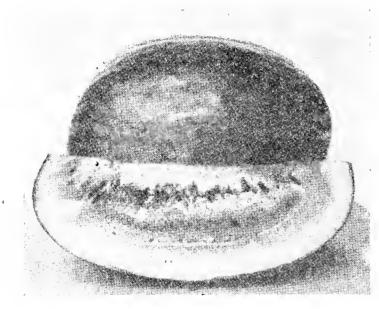
Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

## Watermelon-Cont.

CUT TOM WATSON—90 days—Without doubt the finest grade of Tom Watson seed ever offered to the grower. The name represents everything that it stands for. The seed has been selected from only the finest and truest-to-type melons and only then from those that CUT RED from rind to rind. Regardless of what kind of melon you have been planting, it will pay you big dividends to plant some of this splendid seed. Pkt. 10c; oz. 20c; ¼ 1b. 50c; 1b. \$1.50, postpaid.

TOM WATSON SPECIAL—90 days—Long, dark green More tracery on skin than Kleckley Sweet, and longer. Fine variety, cream-brown seed, flesh deep red, finest flavor, no core. Often weighs from 50 to 60 pounds to the melon. One of the most popular shipping melons on the market.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.



Florida Giant

FLORIDA GIANT—90 days—One of the sweetest, largest and earliest watermelons. The fruit is almost round with rich dark green, medium thick rind and scarlet flesh of luscious sweetness. It has few seeds, is firm and solid, almost all heart. Will stand considerable handling making it an excellent shipper. Melons often weigh from 60 to 80 pounds.

Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

STONE MOUNTAIN—90 days—A new round water-melon showing slight ribs or lobes like a cantaloupe. The color of the smooth skin is light green. The flesh is a uniform beautiful DEEP CRIMSON without any white hearts or stringiness The average fruit weighs about 45 pounds. Not suited for distance shipping. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

DALE—90 days—This splendid melon is oblong in shape. The tough skin is a dark green color irregularly striped with lighter green. Flesh is dark red in color, fine grained, sweet and luscious. White seed. An excellent shipper. You will find our strain of this excellent melon to be the best.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

**DALE** (Special)—90 days—This seed is selected from the finest melons in the field. Every melon being of very heavy weight and true to type. We can recommend this melon to any one desiring the best in Dale Watermelon seed.

Pkt. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.00, postpaid.

ALABAMA SWEET—85 days—A very large, long melon of excellent quality; popular in the South, where it is grown extensively for shipping. The color is rather deep green, with dark, irregular striping. The rind is thin, but very tough. The flesh is bright red, fine grained and sweet.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

IRISH GREY—90 days—A valuable melon, producing more melons under any condition than any other variety. Also a fine eating melon, and a grand shipper. The red flesh is very sweet and free from stringiness. The rind will not sunburn and will keep in excellent condition long after picking. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c, postpaid.

CLETEX—85 days—Similar in shape and size to the Tom Watson. Sometimes called Spotted Watson from the fact that it has light green stripes which appear to be spots. Flesh is red and firm, of splendid eating quality. Does not sunburn easily and is a splendid shipper. The seeds are brown to a brown smear. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

FLORIDA FAVORITE—80 days—Fruit long, dark green, mottled and striped with a lighter shade, rind is thin but firm.
Pkt. 5e; oz. 10c; 1/4 lb. 25e; lb. 75e, postpaid.

IMPROVED KLONDYKE—80 days—Among the leading shippers in all the melon growing districts of California this wonderful new melon has rightfully earned the reputation of being the best quality shipping melon in existence, and is being grown with equal success in other States regardless of the climatic conditions. The melons are oblong in shape and weigh from 20 to 35 pounds each. Rind is thin but tough, with attractive deep green. Flesh of the melon is a rich red. Without doubt one of the sweetest melons grown. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

**DIXIE QUEEN**—A new melon, round in shape, with white seed; often weighs as much as 60 pounds. Skin is striped dark green and greenish ivory; flesh is bright red, solid and of fine flavor. Rind thin, but strong. Uniform in shape, size, color and quality. **Pkt.** 5c; oz. 15c; ¼ 1b. 45c; 1b. \$1.25.

citron for preserving—95 days—A round light and dark-striped melon, meat greenish-white, used for preserving only. Seed red and small. Tough rind. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 90c, postpaid.

## Okra or Gumbo

1 oz. to 50-ft. row

KARGER'S OKRA—Tender and very prolific. Extra early, at least two weeks earlier than most varieties. Bushes of uniform low or dwarf growth, pods thickly set and heavy bearing. Pods do not harden or become tough very readily.

Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 50c, postpaid.

WHITE VELVET—Round, white, smooth pods of extra large size produced in great abundance.

Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c, postpaid.

PERKINS MAMMOTH LONG POD—This variety is about three feet high, very early and productive. The pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. Desirable market as well as home garden sort. Pkt. 5c; oz. 10c; ¼ ib. 20c; lb. 50c, postpaid.

Fertilize -- It Pays (See page 21)



White Velvet

## Garlic

GARLIC—Large, healthy bulbs for planting. Lb. 30c; 3 lbs. 75c, postpaid.

## Onion Sets

Culture—Plant 4 inches apart in rows half an inch deep, and 1 foot between the rows, when cultivated by hand. Do not cover the sets entirely. All varieties can be set out in the fall as well as in the spring. One pound plants a 60 foot row.

Red Bottom Sets\_\_\_\_\_\_Lb. 30c; bu. \$4.25 White Bottom Sets\_\_\_\_\_\_Lb. 30c; bu. 4.50 Yellow Bottom Sets\_\_\_\_\_\_Lb. 30c; bu. 4.25

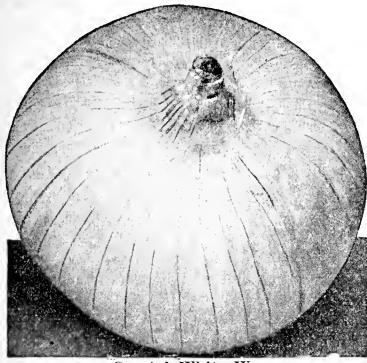
Pounds postpaid, bushels f.o.b. San Antonio.

We warn you against using arsenical poisons on Cabbage. Cauliflower, etc. Better use CUBOR SPRAY or GREEN TOX "50", it kills insects just as good as arsenate of lead and is non-poisonous to humans.

WHEN YOU WATER, DO IT THOROUGHLY — DON'T SPRINKLE, SOAK

## Onion Seed

1 oz. to 100-ft. row



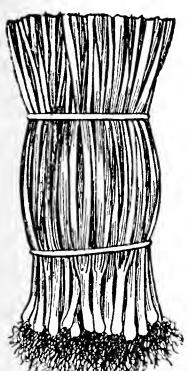
Crystal White Wax

YELLOW BERMUDA (Straw Color)—95 days—This is the standard variety and is grown very largely among the large Texas onion growers. It is more hardy, less

affected by disease, and more prolific than other onions.

Pkt. 5c; oz. 30c; ¼lb. 85c; lb. \$2.50, postpaid.

CRYSTAL WHITE WAX—95 days—This is the waxy white onion seen in our markets in the early spring, and it is one of the most beautiful onions on the market. It is absolutely pure white, of the finest flavor, and will always command a premium on the market. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00, postpaid.



## Onion Plants

CRYSTAL WHITE WAX or YELLOW BERMUDA

100			Pos	stpaid	<b>\$0.25</b>
<b>500</b>					
1000			Pos	stpaid	1.15
O	nion	Plants	f.o.b.	Encin	al,

Texas. 1000 ----- Per M \$0.75 6000 ---- Per M .60

Write for larger quantity prices.

## Tomato Plants

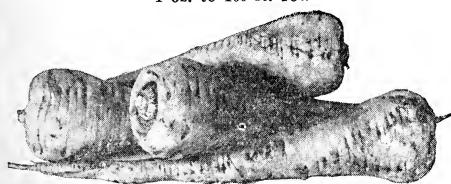
Varieties-John Baer, Earliana, June Pink, McGee, and Marglobe.

100	 	<u>F</u>	ostpa	id	\$0.55
500	 	P	ostpa	uid	1.35
	Plants				
1000	 				\$1.00
5000	 		Per	· <b>M</b>	1.40

## Cabbage Plants

Varieties-Early Jersey Wakefield, Stein's Flat Dutch. Postpaid \$0.55





Hollow Crown

HOLLOW CROWN-An excellent variety for the table. The roots are long, with smooth, white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top of crown of the root.

Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 65c, postpaid.

## Parsley

1 oz. to 100-ft. row

PLAIN or SINGLE-A very hardy variety. The leaves are flat and not curled. The best flavored variety. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c, postpaid.

CHAMPION MOSS CURLED-A very finely curled green and very ornamental. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

## Garden Peas

1 lb. to 100-ft. row

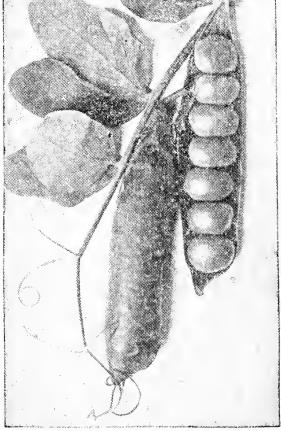
BLISS EVERBEARING-76 days-An old standard, late, main crop variety. Height 3 feet. Vine and foliage sturdy and strong, dark green; pods usually in pairs, containing 4 to 5 light green peas of good quality; matures following Telephone. Pkt. 10c; lb. 35c, postpaid; 10 lbs. \$1.75, not postpaid.

LAXTONIAN-62 days—A dwarf pea with large, hand-

some pods. Slightly earlier than Gradus, maturing about the same time as Thomas Laxton. Vines medium dark green and medium heavy foliage. Pods 31/2 to 4 inches long slightly curved. Will bear more abundantly at top of vines, making it easy to pick, very heavy yielder, altogether a fine pea for private market gardeners. Pkt., 10c; lb., 35c, postpaid. 10 lbs., \$2.00, not post-

ALASKA-54 days —Blue pea of excell ent quality. Earliest of all the blue sorts. A desirable early pea for market gardeners, growing from 2 to 2½ feet, and very productive. Pkt., 10c; lb., 30c, postpaid; 10 lbs., \$1.50, not postpaid.

CANADA FIELD— 85 days—seed small, white, for field culture only. Height



Thomas Laxton

4 feet. Vine moderately stout, medium green; pods light green, 21/4 inches long, square ended, six small, light green peas in pod; matures with Telephone. Pkt. 10c; lb. 25c, postpaid.

FIRST AND BEST-60 days-One of the earliest tall varieties, with smooth, round peas, which ripen almot at one time. Grows 2 to 2½ feet high, seed yellow-white, pods straight, short and well filled. Quality best of the smooth-seeded early varieties. Pkt. 10c; lb. 35c, postpaid; 10 lbs. \$1.75, not postpaid.

THOMAS LAXTON-60 days-Excepting color of foliage and pods, in growth this is identical with the Gradus, 2 or 3 days late, but more more productive. Pkt. 10c; lb. 35c, potspaid; 10 lbs. \$2.00, not postpaid.

WHITE MARROWFAT—88 days—This is a very heavy yielding late variety. Pods large and well filled. The are of large size and are excellent for cooking jeas. Pkt. 10c; lb. 30c, postpaid.

LANDRETH'S EXTRA EARLY—60 days—A critical gardener wants the best strain as respect earliness, size of pod, flavor, uniformity of ripening, vigor and uniformity in habit of the plant. All these desirable qualities can be found in this pea. This type will produce peas fit for table in 44 to 50 days, according to soil and elimetic conditions of the googen of their growth. climatic conditions of the season of their growth. Pkt. 10c; lb. 35c, postpaid; 10 lbs. \$1.75, not postpaid.

## Sweet Pepper

1/8 oz. to 100-ft. row

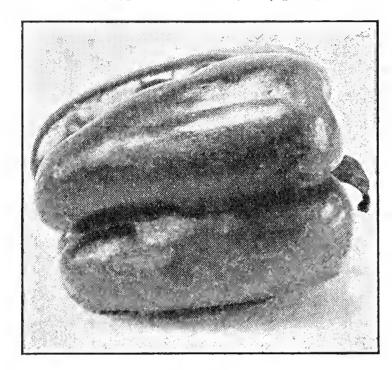
WORLDBEATER-75 days-This is without doubt. the finest introduction in peppers in ages. It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant. Pkt. 5c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00, postpaid.

## Sweet Pepper-Cont.

CHINESE GIANT-80 days-Plant dwarf, fruit mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained.

Pkt. 5c; oz. 50c; 1/4 lb. \$15.0; lb. \$4.50, postpaid.

PIMIENTO or PERFEFCTION-73 days-A medium early, prolific, perfectly mild variety with extremely thick flesh. On account of its thick flesh it will hold up for a long time; an excellent sort for canning whole. Pkt. 5c; oz. 30c; 1/4 lb. 85c; lb. \$2.50, postpaid.



California Wonder

CALIFORNIA WONDER—75 days—A new variety which originated in California. It is one of the largest peppers grown and has remarkably thick and sweet flesh. Of excellent quality, a particularly heavy yielder. Pkt. 5c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50, postpaid.

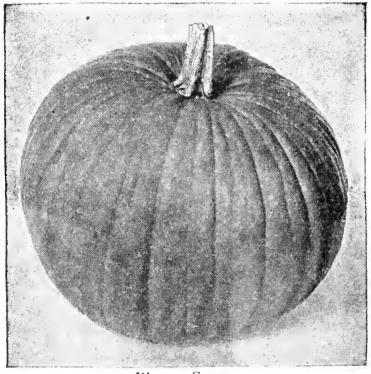
RUBY KING—69 days—This variety grows to an extraordinary size. When ripe, a handsome, bright ruby color; remarkably mild and pleasant to the taste. For stuffing, no other variety can equal it. Pkt. 5c; oz. 30c; 1/4 lb. 85c; lb. \$2.50, postpaid.

#### HOT OR PUNGENT VARIETIES

RED CHILI—S2 days—Rather small, bright red variety about 2 inches long and pointed. Pods are used in making Chili Sauce and are very pungent and hot. Pkt. 5c; oz. 40c; 1/4 lb. \$1.20; lb. \$3.50, postpaid.

LONG RED CAYENNE-70 days-A strong, pungent variety, having well pointed fruit, which is bright scarlet when ripe. A very popular variety. Pkt. 5c; oz. 40c; ¼ 1b. \$1.20; 1b. \$3.50, postpaid.

#### Pumpkin $\frac{1}{2}$ oz. to 100-ft. row



Pie or Sugar

CHEESE-108 days-A very good table variety. Shape flat, like a cheese box; a good keeper. Often 15 inches across the top.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

PIE PUMPKIN-118 days-A small round, yellow sort, with fibre pinkish netting. Flesh is thick, sweet and of excellent quality.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

**KENTUCKY FIELD—120** days—Sometimes called large Cheese. A very large, flattened pumpkin, averaging about 2 feet through. When ripened the skin is a rich cream color. Flesh yellow and of fine quality.

Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c, postpaid.

JAPANESE PIE-115 days-Resembles the Cushaw in shape, but skin is dark green with lighter green stripes. Flesh deep yellow and of good quality. Weight about 12 pounds.

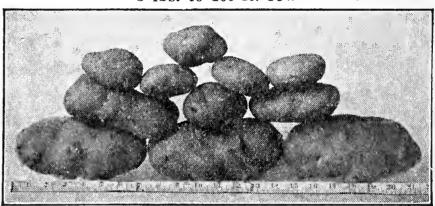
Pkt. 5c; oz., 15e; 1/4 lb., 40c; lb., \$1.00, postpaid.

GREEN STRIPED CUSHAW-115 days-Fruits very large, white crooked neck. Color, creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive and popular in some sections.

Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.00, postpaid.

## Certified Seed Potatoes

5 lbs. to 100-ft. row



BLISS TRIUMPH or RED BLISS-This is the most standard red variety in the Southern States. It is very early and matures quickly. The potatoes are round and uniform in shape, eyes slightly depressed and a beautiful bright red in color. It is very hard, and not susceptible to disease.

Peck 90c, not postpaid.

IRISH COBBLERS—This variety is one of the most reliable and popular of the early varieties. It is of handsome creamy-white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper; in short, and a good keeper; in short, one of the best all-around early potatoes on the market. Peck, 90c, not postpaid.

## Radish

1½ oz. to 100-ft. row

EARLY SCARLET TURNIP, WHITE TIPPED—21 days—One of the most popular and attractive short varieties. It is globe-shaped, bright rose carmine with bottom and tip clear white. Stems and leaves are small. Very valuable for forcing, also for the garden and market. Pkt. 5c; oz. 10c; 2 oz. 15c; 1/4 lb. 20c; lb. 60c, postpaid.

CRIMSON GIANT—28 days—If you desire a radish of more than two bites you will find this your liking. Roots large globular, 1 to 1½ inches in diameter, deep crimson in color. The white flesh holds its firmness well and is of superior quality.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

SCARLET CHINA-50 days-One of the best of winter varieties. The roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends. The skin is smooth and of a bright deep rose color.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

LONG WHITE VIENNA—29 days—A very fine, long, white variety; quick growing, ready for use when very young. The flavor is mild and sweet.

Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

CHARTIER or SHEPHARD RADISH-35 days-A variety of Long Scarlet; top deep crimson; almost white bottom.

Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

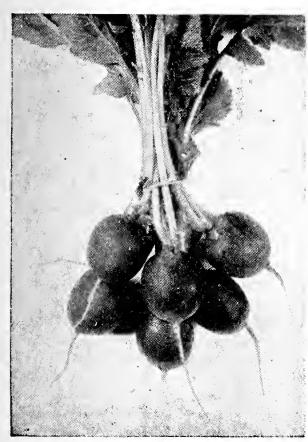
WONDERFUL HALF-LONG SCARLET-26 days-So rapid in growth as to develop perfectly in 26 days. Grows about 2½ inches long, contrasting from a broad shoulder to a sharp point; very symmetrical and uniform in shape; color, bright scarlet; altogether a gem.

Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c, postpaid.

## Radish-Cont.

FRENCH BREAKFAST—25 days—A quick growing, small olive shaped Radish about 1½ inches long by five-eights to three fourths of an inch in diameter when fully grown.

The color is beautiful days are reasonable.



Vick's Scarlet Globe

tiful deep rose scarlet except a little clear white about the tip. This is an excellent variety for planting outdoors for the home garden. small tops and earliness make it also desirable for growing under

glass.
Pkt. 5c; oz. 10c;
2 oz. 15c; ¼ lb. 20c; lb. 60c, postpaid.

VICKS SCARLET GLOBE-23 days-Most popular shipping variety. Roots are slightly olive-shaped and are a rich, bright scarlet in color. The flesh is white, crisp and tender. Tops are of nice size, about 6 inches or more; easy to bunch. Pkt. 5c; oz. 10c;

1/4 lb. 25c; lb. 75c,

postpaid.

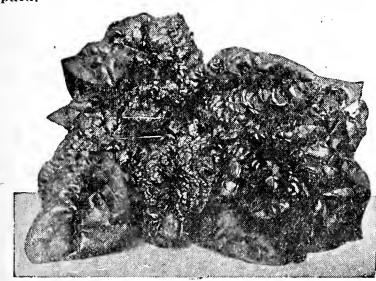
LONG BLACK SPANISH-55 days-One of the latest and hardiest long garden radishes; especially adapted for winter use. The roots are long, thick, almost black. somewhat wrinkled. The flesh is white, of firm texture, decidedly pungent, but well flavored. The roots when matured are usually 7 to 9 inches long by 2 or 3 inches in diameter at the thickest part. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

## Spinach 2 oz. to 100-ft. row

BLOOMSDALE—39 days—As an autumn sort it is superior to all others; but in the spring is inclined to shoot early. The leaves are twisted and bloated, giving them, when ready for shipment, an elasticity adapting them for transportation to long distances and at the same time giving the crop large measuring qualities. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c, postpaid. 10 lbs., \$2.00, not postpaid.

NEW LONG-STANDING BLOOMSDALE—42 days— Has all the good points of Bloomsdale, in addition it will withstand the summer heat and does not go

Pkt. 5e; 1/4 lb. 20c; lb. 40c, postpaid; 10 lbs. \$2.75, not postpaid.



BROAD-LEAVED FLANDERS-42 days-One of the most vigorous and strong growing varieties. The leaves are nearly round, uniformly deep green, quite thick and slightly crimped in the center.

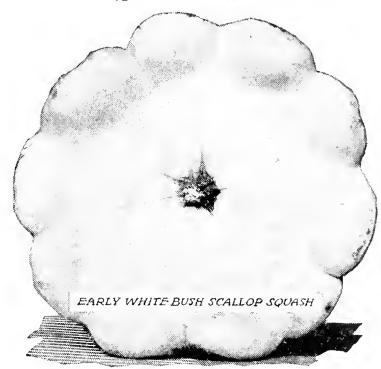
Pkt. 5e; oz. 10e; 1/4 lb. 15e; lb. 35c, postpaid; 10 lbs.

\$1.75, not postpaid.

NEW ZEALAND—70 days—Particularly valuable for culture in hot dry weather. Seeds comparatively large and nut like. Plants very large and spreading, with numerous small triangular, thick, deep green leaves which can be picked continuously during the season. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 50c, postpaid.

## Squash

½ oz. to 100-ft. row



EARLY WHITE BUSH SCALLOP-50 days-A very early variety, with flat, creamy white scalloped squashes 4 to 6 in. in diameter. Vine is bush in habit and rather dwarf. This variety is the common "patty pan" squash. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

GREEN TINT WHITE BUSH or BENNING-53 days-An excellent variety, popular on account of the greenish white color of the young fruits. Plants are of the bush type. Fruits somewhat warted and dull white at maturity.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

MAMMOTH WHITE BUSH SCALLOP-60 days-An early maturing, somewhat flattened, scalloped bush squash of largest size, and the handsomest of the summer varieties for home garden and market. The vines are vigorous and productive.

Pkt. 5e; oz. 10e; ¼ lb. 35c; lb. \$1.00, postpaid.

YELLOW CROOKNECK-50 days-The well known summer variety. Fruit long, skin very fine and tender when young.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

COCOZELLE, ITALIAN VEGETABLE MARROW-65 days—Oblong in shape, shell dark green. Cook and serve the same as other Squash.

Pkt. 5c; oz. 10c; ¼ lb. 40c; lb. \$1.10, postpaid.

GIANT YELLOW SUMMER STRAIGHTNECK-55 days-Plants are of the bush type. Fruits thick-necked, warted, straight, orange-yellow in color. Flesh greenish white and of excellent quality.

Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. 90c, postpaid.

## Tomato

1/8 oz. to 100-ft. row

EARLIANA-66 days-Very early. Habit of vine dwarf and compact. Fruit borne in clusters of from 10 to 15 in a bunch. A remarkable variety and one which is in good favor with market gardeners.

Pkt. 5e; oz. 25e; ¼ lb. 85e; lb. \$2.50, postpaid.

KARGER'S ROOT ROT RESISTANT-Many gardeners have been unable to grow tomatoes on account of root-rot in the soil. This new variety has been developed by Mr. Geo. Karger and has proven highly resistant to root-rot. It is a strong vigorous grower with sturdy vines producing an enormous crop of large handsome fruit. The tomatoes are a rich scarlet red color, perfectly smooth, of even color, firm and solid. The skin is smooth and shiny, free from cracks or other irregu-Has a delicious sub-acid and tasty flavor. larities. Pkt., containing about 400 seeds, 25c, postpaid.

CLARK'S SPECIAL EARLY—81 days—New, excellent variety of tomato, now being used very extensively in the Rio Grande Valley section for shipping purposes. It is an early scarlet fruited variety, uniform in shape and carries well. Inclined to be globe-shaped and bears for a very long period. Truly an excellent variety for market gardeners.

Pkt. 5c; oz. 35e; 1/4 lb. \$1.00; lb. \$3.00, postpaid.

## Tomato-Cont.

RUTGERS—73 days—It has thick outer and inner walls of solid meat, and therefore very small seed cavities and little seed. It is globe-shaped, scarlet-red color, resembling Marglobe. It ripens first in the center of the fruit, so that when red on the outside the tomatoes are ripe all through. In great demand for all purposes. Pkt. 5c; oz. 40c; 1/4 lb. \$1.20; lb. \$3.50, postpaid.

DWARF CHAMPION—86 days—A dwarf variety sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform and of a purplish-carmine color.

Pkt. 5c; oz. 40c; 1/4 lb. \$1.20; lb. \$3.50, postpaid.

DWARF STONE—92 days—Claimed to be the largest dwarf tomato known, almost double in size of Dwarf Champion, and is similar in habits of growth; very popular with market gardeners and home canners. Pkt. 10c; oz. 45c; 1/4 lb. \$1.35; lb. \$4.00, postpaid.



John Baer

GULF STATE MARKET—77 days—This globe-shaped purplish-pink tomato was developed from Early Detroit and is as early as that variety. It is said to be especially adapted to the Gulf States and California. The fruits are large, showing little depression around the stem, and free from cracks.

Pkt. 5c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.75, postpaid.

CHALK'S EARLY JEWEL—73 days—A wonderful new variety in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform and well ripened clear to the stem, and the flavor and quality are especially fine. Color bright scarlet. Pkt., 5c; oz., 30c; ¼ 1b., 90c; 1b., \$2.50, postpaid.

PRITCHARD—73 days—A scarlet self-topper, disease resistant variety. Fruits large, smooth, globular, solid with thick walls and cross sections. Color is a brilliant red both exterior and interior. Highly productive, and has a fine flavor.

Pkt. 5c; oz. 40c; 1/4 lb. \$1.20; lb. \$3.50, postpaid.

**RED ROCK**—83 days—A mid-season variety resembling Matchless. Plant medium in growth. Fruits are medium large, thick, flat, deep scarlet, smooth and good quality.

Pkt. 5c; oz. 30c; 1/4 lb. 85c; lb. \$2.50, postpaid.

JUNE PINK—69 days—A very early and productive pink form of Earliana. The best early pink on the market. Fruit solid and borne in profusion.

Pkt. 5c; oz. 40c; 1/4 lb. \$1.20; lb. \$3.50, postpaid.

STONE—86 days—The best main-crop tomato for all purposes, and largely used for canning. Vine tall and prolific. Fruit smooth, large and uniform. Color bright scarlet.

Pkt. 5c; oz. 20c; 1/4 lb. 60c; lb. \$1.75, postpaid.

BREAK O'DAY—70 days—Developed by F. J. Pritchard of Washington, D. C. A new wilt resistant tomato that is nearly as early as Earliana and as productive as Marglobe. Its fruits are large, smooth, meaty, red and globular, very similar to Marglobe but usually larger, used whole for salads or stuffed.

Pkt., 10c; oz., 60c; 1/4 lb., \$1.75; lb., \$5.00, postpaid.

BONNY BEST—73 days—Fruits of beautiful shape and color; good variety for early market and home use. Scarlet fruit with vigorous vine. Crops ripen uniformly. Pkt. 5c; oz. 40c; ¼ lb. \$1.20; lb. \$3.50, postpaid.



Clark's Special Early

MARGLOBE—80 days—Tested repeatedly and approved by U.S. Dept. of Agriculture. Sure to be planted extensively before long. This is what the Department says about it, "Very productive, second early variety, Fruits large, smooth, meaty, red, globular. Highly resistant to wilt and somewhat resistant to blights."

Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

JOHN BAER—70 days—Early variety, maturing with Bonny Best, producing fruit equally as good as Chalk's Jewel. Color bright scarlet; good size and smooth. The seed we offer was grown from the introducer's stock. Pkt. 5c; oz. 30c; ¼ lb. 85c; lb. \$2.50, postpaid.

McGEE-70 days—Well known in this State on account of its heavy-bearing qualities. It will yield splendid crops when all other varieties fail. Bright crimson, solid and good flavor.

Pkt. 5c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00, postpaid.

YELLOW PLUM—73 days—A small-fruited, bright golden yellow variety, very attractive; for salads or preserves.

Pkt. 5c; oz. 60c; 1/4 lb. \$1.75, postpaid.

YELLOW PEAR—73 days—Same as Yellow Plum, except that it is the shape of a pear and a trifle smaller. Pkt. 5c; oz. 60c; ¼ lb. \$1.75, postpaid.



## Rutabaga

1 oz. to 100-ft. row

AMERICAN PURPLE TOP or LONG ISLAND—88 days —One of the best and most popular varieties, with yellow flesh. It is yellow below ground, with purple top above, and the leaves are small. A good stock-feeder or table variety.

Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c, postpaid.

Good Seeds!

Proper Cultivation
Water — Insecticides
Spell
Garden
Success



1-lb.	Pkg\$	.10	25-lb.	Bag	\$1.50
	Pkg		50-lb.	Bag	2.50
10-lb.	Pkg	.85	100-lb.	Bag	4.00

## Turnip

1 oz. to 100-ft. row

PURPLE WHITE-TOP GLOBE-50 days-An early medium-sized, globular shaped turnip of good quality for either table or stock. A heavy producer and good keeper. The flesh is white and of good eating quality while young.

Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c postpaid.

WHITE EGG-55 days-A sort forming a root the shape and size of an egg in an incredibly short period after sowing. Flesh always palatable.

Pkt. 5e; oz. 10e; ¼ lb. 20e; lb. 60e postpaid. POMERANIAN WHITE GLOBE—75 days

Large variety used largely for stock; is globe-shaped, large leaves, hardy.

Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c postpaid. EXTRA EARLY PURPLE-TOP MILAM -42 days—Excellent medium-sized turnip, almost as early as White Milam; smooth white surface, purple top, flat shape, white flesh; its growth is very uniform and quality the best.

Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. \$1.00 postpaid.

EARLY WHITE FLAT DUTCH-46 days-Strapleaved; medium sized flat variety, clear white, early and of fine flavor. A fine table variety. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c, postpaid.

LOUSE RESISTANT-A splendid white globe turnip which grows well in hot and dry weather. Lice do not seem to attack this variety as quickly as other turnip

Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

PURPLE TOP FLAT DUTCH-46 days-Strap leaved; early flat variety. White with purple top. It matures quickly and has fine-grained flesh of fine

flavor. It forms early a fine root, even in shape and of the best quality.

Pkt. 5e; oz. 10e; 1/4 lb. 25e; lb. 75e postpaid.

COWHORN TURNIP — 70 days — This turnip grows very long, often 12 inches or more, and 2 inches in diameter and nearly half above ground. Very popular for stock feeding; is clear white except a little shade of green at top.

Pkt. 5e; oz. 10e; ¼ lb. 30e; lb. 75e postpaid.

YELLOW ABERDEEN-70 days-A large sized, late maturing, long keeping, yellow fleshed turnip. It is hardy, productive, and valuable for stock feeding. The roots are yellow with purple top. The flesh is pale yellow, firm, tender and sweet. Pkt. 5c; oz. 10c; 1/4 lb. 20c; lb. 60c postpaid.

MARKET GARDENERS Write for Our Truck Growers Price List

# Make your home more beautiful with Flowers grown from SATEX QUALITY SEEDS

In the following pages are listed all of the most useful kinds of flowers, including those for every ordinary purpose. The list is arranged in alphabetical order.

Plants are usually divided into three classes: Annuals, Biennials, and Perennials. Annuals are plants which normally live but a single season. Biennials are plants living two years; particularly those which do not bear

flowers and fruit until the second season. Perennials tend to live from year to year.

It is well to include some of all three classes in planning your flower garden. Most of the biennials and perennials bloom early in the season, while nearly all of the annuals continue to bloom until killing frosts. Com-

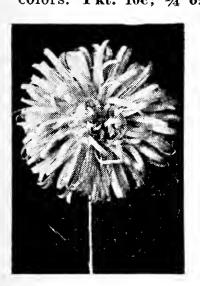
bining the classes thus lengthens the season.

Alyssum

SWEET-Hardy annual used for border-edging or massing in small beds, blooming early in the spring, with clusters of small, pure white cruciform flowers having a delicate fragrance, most useful in small bouquets; usually not over 8 inches high, but spreading. Prices: Pkt., 10c; oz., 50c.

Antirrhinum or Snapdragon

TALL MAXIMUM-3 to 4 feet. This is the newest creation in Giant Snapdragons and is a marked advance over the older type in size and brilliancy of color. The flowers are closely placed on the stems. APPLEBLOSSOM—Rosy pink yellow lip\_\_\_\_\_\_Pkt. 10c; ¼ oz. 50c CANARY BIRD—Golden yellow center\_\_\_\_\_\_Pkt. 10c; ¼ oz. 50c COPPER KING—Velvety copper-scarlet\_\_\_\_\_Pkt. 10c; ¼ oz. 50c PURPLE KING—Deep glowing purple\_\_\_\_\_Pkt. 10c; ¼ oz. 50c SNOWFLAKE—Pure white, yellow tube\_\_\_\_\_Pkt. 10c; ¼ oz. 50c THE ROSE—Rose pink THE ROSE—Rose pink Pkt. 10c; ¼ oz. 50c FINEST MIXED Pkt. 10c; ¼ oz. 50c NEW RUSTPROOF-Remarkable new strain immune to rust. Highly recommended for gardens where rust prevails. 1173 University of California Mixture—contains a wonderful range of all the popular colors. Pkt. 10c; 1/4 oz. 50c.

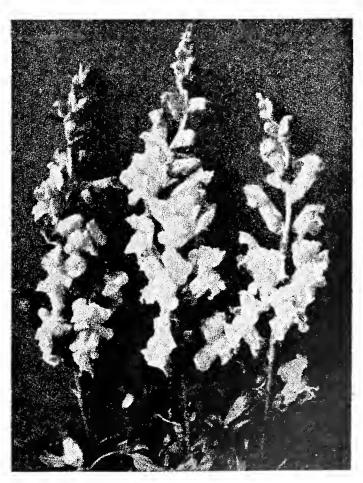


Aster

#### Aster

CALIFORNIA GIANT—2 feet high; petals very long and recurved and twisted near the center; flowers larger than ordinary Comet, and equal in form; coming into blossom rather late. Splendid for cut flowers. Sow in January. Colors: White, Peach Blossom, and Light Blue. Pkt. 10c; oz. \$3.00.

Queen of the Market\_\_\_\_\_Pkt. 5c; oz. 75c American Branching \_\_\_\_Pkt. 5c; oz. 80c Globe Quilled \_\_\_\_\_Pkt. 5c; oz. 90c



Snapdragon—Tall Maximum

## Balsam (Touch-Me-Not)

CAMELIA FLOWERED-Double flowers all colors. Covered with white polka dots. Pkt. 5c; oz. 50c.

ROSE FLOWERED—Double flowers, all colors. Pkt. 5c; oz. 50c.

Spray Your, Flower Plants with GREEN TOX "50"

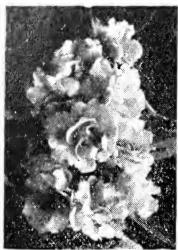
## DIRECTIONS FOR USING FERTILIZER

FLOWERS AND VEGETABLES—Broadcast 4 to 6 lbs. over each 100 square feet and work well into several days before sowing seed or setting out plants. For larger vegetables in rows apply 2 to 3 lbs. for 50 feet of row. Water in. Use half these amounts for additional feedings every 4 to 6 weeks during the growing season. Soak in with heavy sprinklings. Be sure that the plant food is mixed well with the soil and does not come in direct contact with the seed or plants.

POTTED PLANTS-One-half teaspoonful mixed in top soil is usually sufficient for plant in 6-inch pot. quantity according to size of pot. WATER

IN IMMEDIATELY. Repeat in 30 days.

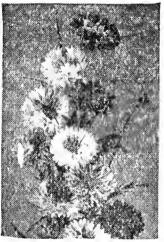
TREES AND SHRUBS—Work several handfuls in soil around each shrub or small tree. For larger shrubs or trees increase application according to size and distribute in soil around trunk as far as branches spread. Water in.



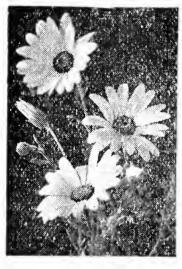
Balsam



Candytuft



Centaurea Cyanus



Daisy

Pkt. 10e; oz. \$1.25.

Pkt. 5e; oz. 60c.

Daisy (Shasta)

A splendid hardy variety with flowers rarely less than 4 inches across, of the pur-

est glistening white with yellow center, broad, over-lapping petals and borne on long stems. A beautiful cut flower, re-

maining in good condition a week or more. CONQUEROR—Flowers very large, pure white, stems about 2½ to 3 feet long.

Forget-Me-Not

A dwarf plant bearing small blue flowers.

## Calendula (Pot Marigold)

One of the best and showiest free-blooming hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late Fall, continuing in bloom from early Summer until killed by frost; valuable also for pot culture, blooming freely in winter and early spring. Sow in the fall.

CAMPFIRE or SENSATION—Blooms are flat, and undoubtedly larger than those of any type previously introduced. Color brilliant orange with scarlet sheen with full yellow center. Has extra long stems. Pkt. 10c; oz. 50c.

BALLS GOLD—Deep golden yellow. Pkt. 10c; oz. 60c.

## Candytuft

Prolific bloomers, bearing in profusion clusters of flowers in a wide range of colors. Indispensible for cutting, very effective in

beds or borders; thin out to 4 inches in a row.

GIANT WHITE HYACINTH FLOWERED—This is an extra select strain of Candytuft, with enormous trusses of white blossoms, especially desirable for cutting. Grows about 18 inches high. Pkt. 10c; oz. 50c.

DWARF UMBELLATTA—Finest mixed. Pkt. 5c; oz. 20c.

## Carnation

Carnations are general favorites for their delicious fragrance and richness of color. They are indispensible both for greenhouse culture in winter and for the garden in summer; sow in the fall.

CHABAUD'S GIANT—Will come into bloom six months from

seed and continue to bloom all summer; they form from 10 to 20 stalks bearing huge flowers of fine form; dark red, white, and deep rose. Pkt. 10c; 1/4 oz. 75c.

## Castor Bean

RICINUS-The large ornamental variety. Pkt. 5c; oz. 15c.

## Centaurea Cyanus (Corn Flower)

Sometimes called Corn Flower or Bachelor's Button. This is an sometimes called Corn Flower or Bachelor's Button. This is an old-fashioned, hardy annual and still a great favorite for cutting purposes. Are very easily cultivated; the seed should be sown in the spring where they are to remain; thin out to 3 or 4 inches.

DOUBLE WHITE—A new variety, absolutely pure white and very durable; splendid as a cut flower. Pkt; 10c; oz. 30c.

DOUBLE BLUE—A pleasing shade of blue, much prettier than the single kinds; height 2 to 3 feet. Pkt. 10c; oz. 30c.

DOUBLE PINK—Beautiful bright pink shade. Pkt. 10c; oz. 30c.

DOUBLE MIXED—All colors. Pkt. 10c; oz. 25c.

DOUBLE MIXED—All colors. Pkt. 10c; oz. 25c.

## Chrysanthemum

CARINATUM-Large daisy-shaped, blooms with old and beautiful arrangement of colored rings surrounding centers. Colors: White and Yellow. Pkt. 10c; oz. 75c. Mixed: Pkt. 5c; oz. 25c. CORONARIUM DOUBLE—White Pearl. CORONARIUM DOUBLE—Tall Yellow.

## Cockscomb (Celosia Cristata)

DWARF GIANT EMPRESS—This beautiful dwarf plant has bronze leaves; forms very large crimson combs; height usually about 1 foot. Pkt. 10c; oz. \$1.50.

## Cosmos

A tall, feathery, green stalk, bearing daisy-like flowers in all shades of lavender, pink, and white. Blooms all

summer. Pkt. 5c; oz. 25c.

CYPRESS VINE—A very ornamental climber with fine feathery leaves bearing small red and white starshaped flowers. Pkt. 5c; oz. 25c.



Delicate, free-flowering plants covered with star-shaped flowers, valuable for mistlike effect and as trimming in bouquets; also for hanging baskets or edgings.

Paris Market—White\_\_\_\_Pkt. 10c; oz. 25c

Rosea—Light Pink\_\_\_\_Pkt. 10c; oz. 30c

## Four O'Clock

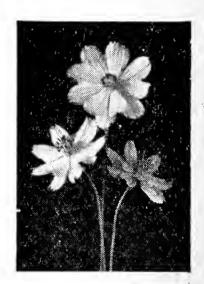
Used for hedges for large beds for public foundation planting and places. Mixed colors. Pkt. 5c: oz. 15c.



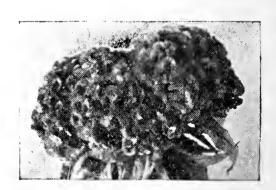
Calendula



Carnation



Cosmos



Cockscomb



Gypsophilia

FLORISTS, WRITE FOR SPECIAL QUANTITY PRICES ON FLOWER SEEDS. STATE VARIETIES AND AMOUNT OF SEED WANTED.

Hollyhock
Splendid background for a flower garden and shows up well along the fence. Bears open rose-shaped flowers. Mixed colors.

Single\_\_\_\_\_Pkt. 5c; oz. .35 Double\_\_\_\_\_Pkt. 10c; oz. 1.50

# Hyacinth Beans (JACK BEANS) A rapid climber, blooms and pods are very orna-

mental. Colors: White, purple, or mixed.

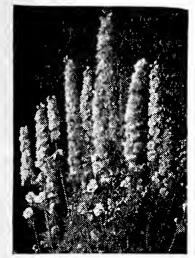
Lantana

orange, white, rose, and other colors. blooms constantly all summer; sow in

Hybrida—Mixed.....Pkt. 10c; oz. 75c

A tender perennial, 2 to 3 feet high, bering verbena-like clusters of flowers, in

Packet\_\_\_\_\_\$0.05



Larkspur

## Globe Amaranth

(GOMPHRENA) A low-growing hardy annual, Everlasting or Straw Flower, about 8 inches high with globe-shaped flowers, in red, pink, white and orange. Mixed. Sow in the spring. Pkt. 10c; oz. 25c.

# Larkspur (DELPHINIUM)

Annual varieties. The Lark-spur is one of the handsomest and most useful of plants and for large gardens is invaluable. Sow in the fall to early spring.

Tall Double Stock Flowered-Colors: dark blue, bright rose, lustrous carmine, and white. Pkt. 10c; oz. 45c.

Tall Hyacinth Flowered-Colors: pink, purple, dark blue, white, and mixed. Pkt. 10c; oz. 60c.

## Marigold

early spring.

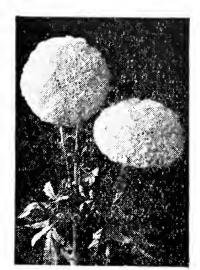
A showy plant with a pro-fusion of flowers in brilliant colors of yellow and orange.

African Tall Double Orange-A beautiful flower or gigantic size; a very bright orange color plant usually growing about 2 to 3 feet high. A very popular sort. Pkt. 10c; oz. \$1.00.

African Tall Double Lemon-A lemon shade that is beautiful. Pkt. 10c; oz. \$1.00. Mixed colors—Pkt. 10c; oz. 75c.

ALL DOUBLE ORANGE-Pkt. 10c; oz. \$1.50.

ALL DOUBLE LEMON-Pkt. 10c; oz. \$1.50.



Marigold

#### **Texas Bluebonnets** THE TEXAS STATE FLOWER

Grows wild all over the prairies of Central and South Texas. There is nothing more beautiful than the fields when the beautiful flowers are in bloom in the early spring. Plants grow to 12 inches high and are covered with beautiful dark blue flowers tinged with white. Pkt. 10c; oz. 30c.

## Moon Flower

NOCTIFLORA-A very rapid climber bearing large white flowers blooming at night. Pkt. 0c; oz. 40c.

Morning Glory

HEAVENLY BLUE—Improved—A beautiful climber bearing very large blue flowers in great profusion almost hiding the foliage.

Pkt. 10c; oz. 75c.

JAPANESE MIXED—A very reliable climber bearing flowers in many variegated colors. Pkt. 5c; oz. 30c.

## Nasturtium

DWARF-Used for a border along walls, paths, etc. A constant

bloomer and very attractive in color. Pkt. 5c; oz. 10c.

TALL—Used for arbor and trellis decoration. Flowers very rich in colors, striped and spotted with different shades. Pkt. 5c; oz. 10c.

Here's the greatest sensation in flowers for 1937: Giant, double, sweetscented flowers of gorgeous new colors. Individual blooms are of

> SCARLET GLEAM - Wonderfully sweetscented double flowers of dazzling fiery orange-

> scarlet color. Pkt. 10c; oz. 25c. GLEAM HYBRIDS—New colors, never before

dreamed of in double Nasturitiums. Salmon, golden yellow, orange-scarlet, cerise, creamyellow, orange, and crimson, all delightfully scented. Pkt. 10c; oz. 20c.

GOLDEN GLEAM-Acclaimed by garden lovers everywhere. Large, semi-double, golden yellow flowers averaging 3 inches across, deliciously sweet-scented. Pkt. 10c; oz. 20c.



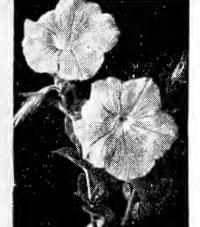
Nasturtium-Double Golden Gleam

Heavenly Blue

**Pansy** GIANT TRIMARDEAU-Flowers are well formed, of enormous size, in a great variety of colors, the very finest strain. Finest

mixed. Pkt. 10c; ¼ oz. oz. 50c.

NON PLUS ULTRA—The richest and most varied mixture possible, producing the largest flowers, consisting of the darker shades. Pkt. 10c; 1/4 oz. \$1.25.



Petunia

## Petunia

Their richness of color, duration of bloom and easy culture will always make them popular.

HYBRIDA-Deluxe bedding mixture, large flowered dark sorts. Pkt. 10c; oz. \$2.00.

## Phlox

DRUMMONDI-Grandiflora-This hardy annual is unequaled for the magnificent display of brilliant colors when used in beds. Will thrive in most any soil. Grows from 6 to 12 inches high. Colors: White, crimson, flesh, and mixed. Pkt. 10c; oz. \$1.50. STAR—Choice mixed. Pkt. 10c; oz. \$1.50.



Phlox

SEE PAGE 23 FOR INSECTICIDES AND FUNGICIDES

## Pinks (Dianthus)

The family of Pinks is unrivalled for brilliancy and rich variety of color. Plants are bushy, of symmetrical form, blooming profusely until Fall, rendering them very satisfactory for summer varieties.

CHINESE DOUBLE MIXED-This is a double annual sort of beautiful colors. Pkt. 5c; oz. 25c.

HEDDEWIGI DOUBLE MIXED—This is another type that is beautiful. Pkt. 10c; oz. 75c.

## **Poppies**

Should be planted in the late Fall or very early in the Spring, as in our section they burn out as Summer comes on.

CALIFORNIA POPPY—Eschscholtzia—A very beautiful annual with finely cut, feathery foliage, having a velvet, cup-shaped flower. All colors mixed. Pkt. 5c; oz. 25c.

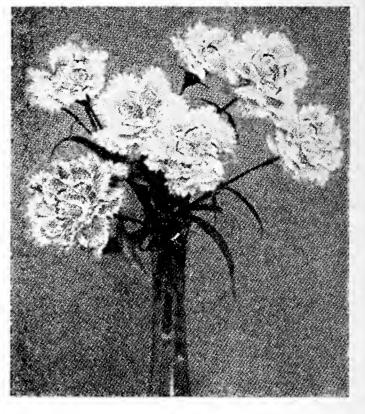
SHIRLEY MIXED—This is a beautiful type of satiny flowers with a wide range of colors. Pkt. 5c; oz. 25c.

CARNATION-FLOWERED—Large size; flowers very double; of many colors. Pkt. 5e; oz. 20c.

## Portulaca (Moss Flower)

One of the best low-growing annuals for hot and sunny places; will grow and bloom profusely in the summer time when other flowers are dead. Sow after all danger of frost is over.

SINGLE MIXED—Many beautiful colors. Pkt. 10c; oz. 75c.



Dianthus or Pinks-Double Mixed

## Salvia

SPLENDENS-Flowering sage, is a very ornamental plant, flowering in spikes of a rich red color. Pkt. 10c; oz. \$1.50.

## Stocks

MAMMOTH EARLY BRANCHING NICE—Plants grow about 1 foot high, making a compact bush covered with splendid spikes of most brilliant colors and varieties. Pkt. 10c; oz. \$1.50.

Sweet William

Beautiful flowering plant; produces a splendid effect in borders and beds with its rich and varied flowers.

DOUBLE MIXED—Perennial. Pkt. 5c; oz. 50c. SINGLE MIXED—Pkt. 5c; oz. 30c.



SWEET PEAS



STANDARD SUPERB SPENCER-Sweet Peas will grow and blossom in any good garden soil. For best success sow early, as early as the ground can be worked in the spring. Regardless of the weather sow early, in trenches 4 inches deep; cover about 1 inch with soil, and fill the trench as the plants grow. Set the support early and hoe often.

	Pkt.	Oz.	Lb.
WEMBLEY-Lavender, suffused, plumbago blue	.10	.25	2.25
RENOWN—Carmine red	.10	.25	2.25
FIERY CROSS—Bright red, orange, cerise	.10	.25	2.25
MISS CALIFORNIA—Salmon, cream pink	.10	.25	2.25
PINKIE—Large rose pink	.10	.25	2.25
KING WHITE—Large pure white——————	.10	.25	2.25
MRS. TOM JONES—Best azure blue	.10	.25	2.25
STANDARD SPENCER MIXED	.05	.15	1.50

#### EARLY FLOWERING SPENCERS—Bloom in 8 Wecks

These magnificent Sweet Peas are ideal for February and March plantings in the lower South. They are quick growers, starting to flower at an early stage, and will furnish an abundance of lovely blooms before hot weather arrives. Pkt. 10c; oz. 25c.

Stocks

Verbena

## Vinca (Periwinkle)

Highly ornamental, free-flowering, compact evergreen shrubs, with shining green foliage and handsome circular flowers. 18 inches high.

PURE WHITE—Beautiful pure white. Pkt. 10c; oz. \$1.35.

ROSEA-Rose, with crimson eye.

Pkt. 10c; oz. \$1.25.

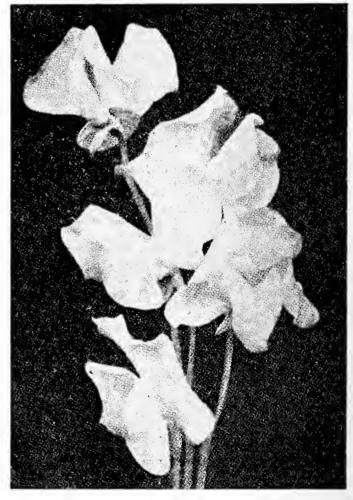
MIXED-Pkt. 10c; oz. \$1.25.

#### Verbenas

Very popular for massing in beds and flower boxes. Start blooming in early spring until late summer. Sow seed in January in boxes. MAMMOTH—Colors: Scarlet, pink, purple, yellow, white, mixed. Pkt. 10c; oz. \$1.25.

#### Use 9-27-9

TO FERTILIZE YOUR FLOWER PLANTS This Fertilizer, Will Produce More Vigorous Plants and Better Colored Flowers



Sweet Peas

## FREE!

## 25c of Flower Seeds

WITH EVERY ORDER OF FLOWER SEEDS AMOUNTING TO \$1.00

in other words, order \$1.25 worth of Flower Sceds in Packets or Ounces and send us \$1.00 with your order. ALL FLOWER SEEDS POSTPAID.

## ZINNIAS Satex California Giants

or Mammoth Special Florists' Strains

The great advantage of this type is that the very large flowers are of enormous size and flat, getting away from the conical type of the Giants and eliminating the stiffness that has been so objectionable in Zinnias in the past. The flowers from the time they open are attractive, making them a good cut flower from the early bud until they are in full bloom. They are twice the size of the ordinary Giants.

ENCHANTRESS—Light rose, deep rose center. Pkt. 10c; oz. 90c.

LAVENDER QUEEN—Deep lavender. Pkt. 10c; oz. 90c.

ORANGE KING—Cadmium or orange scarlet. Pkt. 10c; oz. 90c.

SCARLET GEM—Glowing deep scarlet. Pkt. 10c; oz. 90c.

PURITY—Best white. Pkt. 10c; oz. 90c. SPECIAL FLORISTS' MIXTURE—Pkt. 10c; oz. 90c.

GOLD MEDAL GIANT DAHLIA FLOW-ERED ZINNIA—The latest development in Zinnias with flowers of enormous size and resembling the decorative Dahlia very much in shape.

exQUISITE—By far the most pleasing of our collection. Truly Dahlia-flowered as regards form and size. Color, light rose with center a deep rose. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.

GOLDEN STATE—A very rich orange-yellow, turning to an attractive orange when in full bloom.

Pkt. 10c; ¼ oz. 30c; oz. \$1.00.

CRIMSON MONARCH—The largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit.

Pkt. 10c; 1/4 oz. 30c; oz. \$1.00.

DREAM—A fine lavender, turning to purple (mallow purple). A new desirable shade in Zinnias. Pkt. 10c; 1/4 oz. 30c; oz. \$1.00.

POLAR BEAR—A very large, pure white, the best white yet seen in Zinnias. True Dahlia form. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.

SPECIAL GOLD MEDAL MIXTURE—A well-blended mixture containing all the above varieties. Pkt. 10c; 1/4 oz. 30c; oz. \$1.00.



## Lilliput, Pompon or Baby Zinnia

The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very double flowers hardly exceeding a daisy flower in size. They are very pretty plants; bloom all Summer until late in the Fall.

	PKt.	1/4 OZ.	UZ
CANARY YELLOW.	.10	.25	.75
CRIMSON GEM	.10	.25	.75
ROSEBUD—Rose pink	.10	.25	.75
VALENCIA—Burnt orange	.10	.25	.75
WHITE GEM	.10	.25	.75
TOM THUMB MIXTURE	.10	.25	.75

GIANT PICOTEE TYPE—A remarkably new and distinct class with beautiful double flowers, each petal being distinctly tipped with various shades, resembling the Picotee Carnations. Pkt. 10c; oz. \$1.00.



## Gladiola Bulbs

Plant in open ground when danger of frost is past. Plant 8 inches apart and cover about 3 inches deep.

AMERICA—One of the most popular Gladiola offered; lavender pink flowers of very large size, borne on robust stems make delicate cut flowers. Dozen, 50c, postpaid.

MRS. FRANK PENDLETON—A very early variety. The flowers are of a beautiful salmon-pink with a creamy-white blotch in the throat which greatly enhances its beauty. Dozen 60c, postpaid.

HALLEY—A most attractive early blooming sort with large well-opened flowers of a delicate salmonpink with a creamy blotch on lower petals.

Dozen 60c, postpaid.

PEACE—One of the grandest white introductions of 1912. This variety seems to produce blossoms later in the season than any other variety. Doz. 60c, postpaid.

MRS. FRANCIS KING—The magnificent flowers measure 4½ inches across. A brilliant flaming pink, blazed with vermilion red. Dozen 60c, postpaid.

SCHWABEN—For size of flower and keeping qualities this Gladiola is considered as being the best of yellows. Dozen 60c, postpaid.

WE CARRY A COMPLETE LINE

— of —

#### Garden Tools

HOES, RAKES, SPADING FORKS, SHOVELS, LAWNMOWERS, TROWELS, SEEDERS, ETC.

#### **Tuberoses**

MEXICAN EVERBLOOMING—The most beautiful Tuberose that was ever brought to our attention; it begins to produce its fragrant flowers in June and blooms continually until frost. Plant in good soil, and water them occasionally during extreme warm weather, and an abundance of lovely flowers will be the reward. In the southern part of the State the bulbs may be left in the ground all Winter. Dozen 30c; 100, \$1.75, postpaid.

KEEP THIS IN MIND—It matters not how good your land may be, how well you fertilize it, how thoroughly you cultivate — your crop can be no better than the seeds you plant.

## Field Seeds

The varieties of field seed listed are adapted to the climate conditions of Southwest Texas. They are grown for us by the best growers of field seeds in the state, and you will find them of the best quality and true to name.

NOTICE—Owing to the fact that grain markets are constantly fluctuating, it is impossible for us to quote field seed in larger quantities than by the pound. Should you be interested in large quantities, we would be very glad to quote you on any item that you may be interested in. We especially recommend that you try some of the Arizona Grown Hegari and Milo Maize.

## Alfalfa

HAIRY PERUVIAN—Is particularly recommended for our own state of Texas. As compared with common alfalfa, Hairy Peruvian is more upright, less branched and has fewer and somewhat coarser stems and smaller crown. It is also characterized by rapid growth, large amount of leaves, quick recovery after cutting and ability to make growth in cool weather after ordinary alfalfa has ceased growing. Lb. 35c, not postpaid.

## Clover

WHITE FLOWERING SWEET CLOVER—Thrives on practically all soils in Texas. Sweet Clover is a splendid soil builder and especially so

when the entire crop is turned under. Every planter with cows should have a patch as it is a great milk producer. Sow at the rate of 15 to 20 pounds to the acre. Lb. 25c, not postpaid.

MELILOTUS INDICA (Annual Yellow Blossom Sweet Clover)—Sometimes called Sour Clover. Used extensively as a cover crop, especially in orchards. Very popular in South Texas where it grows all winter and produces a vast quantity of green manure to be turned under in the early spring. Can be sown in the fall or spring, 15 to 20 pounds to the acre. Lb. 15c, not postpaid.

SOUTHERN SPOTTED LEAF BUR CLOVER (In Bur)—Very popular in the South for winter pasture. Popular for sowing in Bermuda grass sod for permanent pasture. Disc over your Bermuda Grass and sow in the fall, followed with roller. Also fine to sow with other grasses for permanent pasture. Grows well on any type of soil. Sow 40 pounds to the acre in August, September or October. Produces early grazing and lasts well. Lb. 20c, not postpaid.



SURE CROPPER CORN—A truly remarkable drought resisting power. As old as is the history of corn growing in the South and Southwest is the search for a corn able to hold up and make a crop on the scanty moisture which we have in so many fields at some period of almost every season. In Sure Cropper we have found that corn. Lb. 15c, not postpaid.

GIANT WHITE RED COB—Makes a very large ear of the finest corn. Grains very large, deep, wide and thick, cob red, very popular wherever tried. We recommend this as being the finest variety of White Red Cob Corn. Has a very large, deep, wide, thick grain. Grains of medium size. Lb. 15c, not postpaid.

GIANT YELLOW—This beautiful yellow corn is deeply grained and very uniform in size. A sure cropper and good yielder. Matures in 90 to 100 days. Lb. 15c, not postpaid.

NATIVE SQUAW CORN—A drought-resisting variety, plantable in the summer months. It has blue and white grains, therefore not so desirable by the market gardener. However, it makes a sweet and very juicy roasting ear. Lb. 15c, not postpaid.

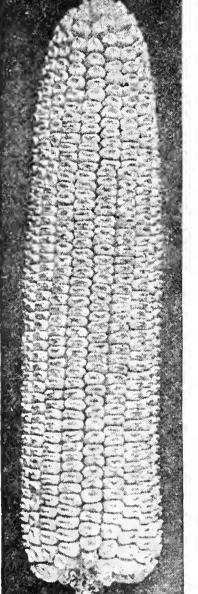
TEXAS GROWN JUNE CORN—The stalks under favorable conditions grow from 7 to 8 feet high, and yield from 30 to 60 bushels to the acre. For best results it should not be planted until June or July, as it stands the hot weather better than any corn. Seed can be produced at any time after May 15th. Lb. 15c, not postpaid.

CHAMPION WHITE PEARL—An extra early pure white variety of dent corn. Matures in 100 days from time of planting, is very productive and the ears are exceedingly heavy. The grains are extra deep and white, and the cob is very small. A great favorite. Lb. 15c, not postpaid.

DROUGHT RESISTER CORN—It is a white, early maturing, deep rooted, drought resisting corn, with medium size stalk; a corn that is easy to get a stand of, for it is a very hardy variety and a fast grower. Reese Drought Resister is an exceptionally deeprooted corn with roots almost straight down, with an abundant root system, permitting plowing within 6 inches of stalk without disturbing the root system. It is almost impossible for a man to pull up a stalk of Drought Resister when in roastnig ear. Lb. 15c; pk. \$1.50, not postpaid.

TEXAS KING—A 90-day white corn. A cross of Sure Cropper and Hickory King. A splendid drought resister and a very heavy yielder. We suggest that you plant some of this in comparison with your present corn. Lb. 10c, not postpaid.

TEXAS HONEY JUNE—Requires 87 days. A variety of Sweet Corn, especially adapted to growing in Texas. This corn was perfected by the Texas Experiment Station, at College Station, Texas. Has very heavy shucks, which makes it resistant to ear worm damage. Stalf about 6 feet tall. Ears, medium size, with 14 to 16 rows. We strongly recommend giving this wonderful corn a trial. Pkt. 10c; 1b. 30c, not postpaid.



Texas King

## Popcorn

There is always a good market for Pop Corn, and every corn grower should plant it.

JAP-O-RICE—A newer variety. Cob small, grains long and slender. Used by nearly all commercial poppers. A really wonderful variety. Lb. 20c, not postpaid.

GIANT YELLOW or T.N.T.—Produces ears in great abundance on stalks nearly 6 feet high. It pops perfectly white. A single kernel will expand to nearly an inch in diameter.

Lb. 25c, not postpaid.

## Broom Corn

OKLAHOMA DWARF—This type has much less seed on it, and is on the upper one-third of the brush, allowing much cleaner threshing and bales weigh fully one-third more and make the finest smooth parlor brooms, and also contain enough heavier, coarse brush for house brooms.

Lb. 20c, not postpaid.

STANDARD EVERGREEN—Is very early and when properly planted and cultivated has beautiful green brush and commands the highest price. Harvested by cutting.

Lb. 20c, not postpaid.



Alfalfa

## Chapman Ranch Cotton Seed

(A Mebane Strain of Cotton)

1—Chapman Ranch Cotton Planting Seed is pure bred and State certified.

2-High gin turnouts, 38% to 43% lint, from clean dry seed cotton. Normal expectancy under average soil and weather conditions 40%.

3-Big bolls, 50 to the pound, making easy and rapid picking at low cost.

4—Good, hard, uniform cotton of desirable staple. A character of cotton that is always in demand and brings a premium.

5-A high degree of storm proofness and drought resistance.

6—Large acreage yield.

7—Grown, ginned and prepared under the personal supervision of a competent cotton breeder. 3-bu. sacks. 1 Bushel\_\_\_\_\_\_\$2.10 3-bu. Sack\_\_\_\_\_\_\_6.00

## Non-Saccharine Sorghums

DWARF STRAIGHT NECK YELLOW MILO MAIZE-This variety is the most wonderful Milo Maize and stands the drought well. It is earlier than Kaffir Corn and White Milo Maize, and very prolific. Stock seems to prefer it to corn, and it has a laxative effect on them, keeping them in good condition. Lb. 10c, not postpaid.

DOUBLE DWARF YELLOW MILO-Earlier than the old type Milo. The stalks are short, but large and stand remarkably well. The heads are large and the seed is larger or as large as the old type Milo. It will stand greater drought than most other sorghums and for that reason is adapted to dry farming. Should be extensively grown; in fact, every farmer should plant some of it. Lb., 10c, not postpaid.

ARIZONA GROWN DOUBLE DWARF YELLOW MILO-Without a doubt the finest strain of Double Dwarf Maize that you can buy. You will find this seed as true to type as it is possible to produce same. Lb., 15c, not postpaid.



Algeria

HEGARI, the NEW GRAIN SORGHUM-Some years ago when Kaffir Corn, Milo Maize and Feterita were introduced into the dryland farming crop catalog many people probably imagined that the limit in grain sorghum development had been reached; but that is almost certainly a mistake. We have abundant reason to hope for greater things yet. The new grain Sorghum Hegari, while it is too recent an introduction to justify settled conclusions, certainly promises in some respect, to outmerit all of its predecessors. Lb. 10c, not postpaid.

ARIZONA GROWN HEGARI—The finest of Hegari grown. It will pay you big dividends to plant some of this splendid variety. Lb. 15c, not postpaid.

TRUE DARSO-This wonderful Sorghum is neither saccharine nor non-saccharine. It originated in what is called a "sport" stalk brought in by a farmer in 1912 to the Experiment Station at Stillwater, Oklahoma. After 8 years experimenting Dean Knight stated it was the best silage and feed crop, and the people of Coryell County, Texas, seem to indorse same, as they are rather enthusiastic about it. It will cross with other grain sorghums if planted near them. Six pounds of seeds will plant an acre. Lb. 10c, not postpaid.

DWARF BLACK HULL WHITE KAFIR—It makes a straight upright growth and has a strong stem with enormous wide leaves. The heads form at the top of each stalk. For the grain sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. For fodder sow one-half to one bushel, either broadcast or in drills. Lb. 10c, not postpaid.

FETERITA-The best drought-resistant non-saccharine Sorghum, and pretty well known in this state. Earlier than Kaffir Corn, and a very heavy yielder. The grain is similar to Milo, but is pure white and also larger and softer. It does not shatter badly and yields as high as 80 bushels to the acre. Lb. 20c, not postpaid.

## Shrock Kafir or Sagrain

Fine for forage and ensilage, as it is quite sweet, and grows an abundance of broad, long leaves. It is a wonderful grain to stool out, not unusual for one seed to send up 6 to 10 stalks, each making a fine head of large, light brown grains, which make excellent stock and poultry feed. Drill at the rate of 3 to 5 pounds per acre. Lb. 10c, not postpaid.

## Algeria or Bishop Kafir

A cross between Maize and Kafir. Livestock eat the entire stalk with relish. The stalk is sweet, containing a large amount of sugar, and grows from 4 to 5 feet tall, with leaves about twice the size of Indian Corn and from 15 to 19 leaves to the stalk. Algeria has a corn root, only it goes straight down instead of spreading and will stand dry weather well, although it does exceptionally well in wet climates. Use about 5 pounds of seed per acre, thinning out to a stand similar to corn. It should be allowed to stool before working too much dirt to the roots. Lb. 15c, not postpaid.

## Shallu or Egyptian Wheat

Is very productive, making an enormous yield of grain and fodder. Shallu or Egyptian Wheat should be sown in drills 3 feet apart, using from 5 to 10 pounds of seed to the acre. Lb. 15c, not postpaid.

## Saccharine Sorghums

RED TOP or SUMAC CANE

This is the most popular variety for our State, and the one most generally planted. Seed is smaller than that of the Orange or Amber. Produces an immense quantity of fodder.

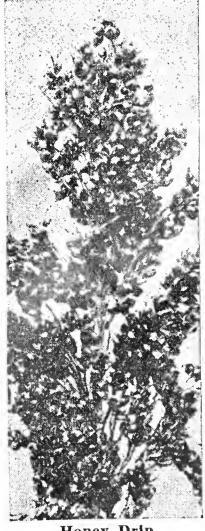
Lb. 10c, not postpaid.

EARLY ORANGE—This variety has taller and heavier stalks than any variety of cane. It is not quite as early as the Early Amber, but is a better producer, and is better for syrup-making. Lb. 10c, not postpaid.

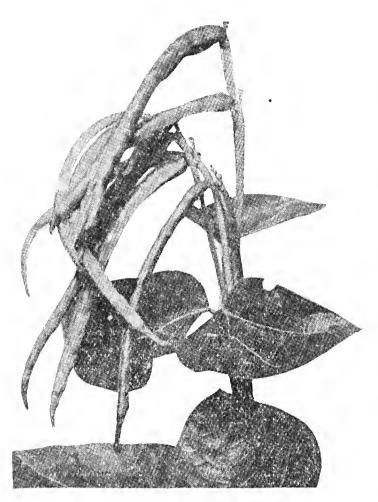
EARLY AMBER-This is the earliest sort, and makes fine hay, which is relished by all stock.

Lb. 10c, not postpaid. JAPANESE HONEY DRIP-Known in some sections as Japanese Seeded Ribbon Cane. It makes an unusually large stalk, sometimes as large in diameter as Ribbon Cane and much taller. Yields as much as four to five hundred galions of the very best syrup to the acre.

Lb. 15c, not postpaid.



Honey Drip



Soy Beans

## Cow Peas

WHIPPOORWILLS—Has brown, speckled seed, easily gathered on account of the upright, bushy growth of the plants. The most generally planted pea on the market, being one of the earliest and best varieties on the market. Lb. 15c, not postpaid.

CHINESE RED—This cow pea seems similar to the Iron variety due to its resistance to wilt and root-knot caused by eel worms. The seeds are small and red and set in the pods very closely. The plant grows erect making it easy to cut. Lb. 20c, not postpaid.

AUSTRIAN WINTER PEAS—This variety of peas is fine to sow on black land to cover crop to plow under the green manure or for green feed for early spring. You may sow in the fall or early spring. One of its main advantages is that it can stand a great deal of cold weather. Lb. 15c, not postpaid.

CREAM PEAS-This is the most beautiful table pea we have ever faction of any variety we have ever offered for table use, and very deservedly so, as there are none that can surpass it in splendid flavor. In point of yield they double the well known Blackeye, command a higher price on the market, cook quicker, and are in every way superior to it as a table sort. It grows in bunch form. The peas are of a cream color. had the pleasure of offering our customers. It has given best satis-Lb. 15c, not postpaid.

BROWN CROWDER—An excellent bearer and vines make a splen. did forage. Planted extensively as a dried pea. Lb. 15c, not postpaid.

BLACKEYE—Grown extensively, as the dry peas find a ready market during the winter. The vines furnish excellent forage and produce in large quantities. Lb. 15c, not postpaid.

BRABHAM—An early wilt-proof, disease-resisting variety. Very similar to Whippoorwills except much smaller seed requiring less for planting a given acreage. The foliage is valuable for hay. Lb. 15c, not postpaid.

CLAY-The seeds of this variety are medium sized and cream or clay colored; vines grow long and very leafy. One of the best for enriching soil. Lb. 15c, not postpaid.

## **Grass Seed**

SUDAN GRASS—The great hay and forage crop. This wonderful new grass seems to be taking the country by storm. This grass has been grown very extensively in Texas the past season and has been tested out in a number of other States and the verdict is unanimous, everywhere it has been grown it spells success. It seems to grow successfully on all kinds of land, stands dry weather and does not blight under ample rainfall. Sudan Grass is thought to be the original wild form of the cultivated sorghymas. It is an annual, the good having to be gown every year. ghums. It is an annual, the seed having to be sown every year. It looks very much like Johnson Grass when growing but has a different root growth. Johnson Grass reproduces itself from the underground root stalks as well as from the seed. Sudan Grass will not sprout from the roots after frost has killed the plant. Ranges in height from 5 to 10 feet, stems small and somewhat more leafy than Johnson Grass. Like sorghums it must be planted each spring; it dies when frost comes. Lb. 15c, not postpaid.

BERMUDA GRASS-Almost everybody living in this section of the country knows this grass. It is planted as a lawn grass, and nothing will stand the sun better, or will make a prettier carpet, when kept short, than this grass. It is also very valuable as a pasture and hay grass, which heretofore had to be propagated by the roots. Lb. 60c; 10 lbs. \$5.50; 100 lbs. \$35.00, not postpaid.

HULLED BERMUDA GRASS—Revolutionizing Bermuda lawn planting. A new process that removes the hull and promotes quicker germination. Results are rapid and sure. Tests show that this type will germinate fully within 8 to 10 days. It is more economical; half the quantity of seed required per 100 square feet of planting. The greatest obstacle to Bermuda lawn making from seed was the slowness of seed germination—the natural seed usually requires 3 weeks. With Hulled Bermuda seed, germination is as quick as Rye Grass. Prices: Lb. 70c; 10 lbs. \$6.50, not postpaid.

## Directions for Using Fertilizer on Lawns

TO START A NEW LAWN—Apply broadcast 4 to 6 pounds per 100 square feet several days before sowing seed. Rake well into top soil and water in thoroughly. After growth starts made additional applications as recommended for established lawns.

TO FEED ESTABLISHED LALWNS—Apply broadcast 3 to 4 pounds per 100 square feet early in spring before the grass begins to grow. Make additional applications throughout the growing season at the rate of 1 to 2 pounds per 100 square feet every 4 to 6 weeks. These later applications may be mixed with dry sand, rich top soil or humus to form a compost. After applying, soak in thoroughly with heavy sprinkling to carry food down to feeding roots. This is very important.

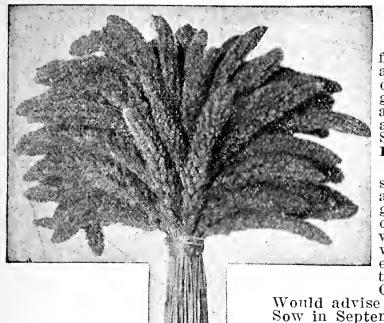
## Soy Beans

MAMMOTH YELLOW—Most popular, largest yielder. Grows 3 to 5 feet high. Should not be planted until danger of frost is past. For hay and as a soil builder sow 2½ bu. per acre broadcast; for beans plant 15 to 30 lbs per acre in drills 3 feet apart. Lb. 15c, not postpaid.

LAREDO SOY BEANS—A new variety of outstanding worth, particularly for making hay. The Laredo makes many slender branches and the plants are leafy, both of which go to make an ideal bean for hay. It is particularly adapted to sections where wilt and nematode are prevalent, as it has proven resistant to these troubles. Lb. 15c, not postpaid.



Sudan



Grass Seed-Cont.

ENGLISH RYE GRASS—Largely sown by our landscape gardeners for winter lawns on Bermuda soil. The Bermuda blades being easily affected by frost, become red and rusty looking, while English Rye during winter presents a most beautiful appearance, being of a vivid green, and as the Bermuda during April and May makes its appearance it overgrows the English Rye, causing the latter to decay and act as a fertilizer to the existing grass. It should be sown from September to March at the rate of 3 to 4 bushels of seed to the acre. Lb. 15c; 10 lbs. \$1.10; 100 lbs. \$9.50, not postpaid.

FANCY CARPET GRASS—(Axonopus Compressus)—A perennial, spreading by creeping stems which root at every joint, thus forming a close, compact turf. Flourishes on land short in lime, thrives under grazing and trampling. Will stand more close grazing, trampling, and overflow than any pasture grass known. On barren desert or piney wood plains will produce a perpetual grazing ground. It is not a weed or a pest; plowing under will destroy it completely. The Government says in any southern coastal plains or flat woods country this grass is better than Bermuda Grass. Grows 2 to 2½ feet high. Can also be used with good results on lawns, also golf courses.

Would advise all of our customers to give this wonderful grass a thorough trial. Sow in September or October; also in February, March and April, at the rate of 10 to 15 pounds per acre.

10 to 15 pounds per acre. Lb. 30c; 2 lbs. 55c, not postpaid.

## Millet

FANCY BIG GERMAN—The most popular of all the Millet for hay or seed. It matures in 6 to 8 weeks after planting. If wanted for hay it should be cut while in bloom, as the hay quality decreases as soon as the seed hardens in the head. Our variety of Millet is best and you will find it superior to any variety. Lb. 20c, not postpaid.

HOG MILLET—The seed is large for a Millet and makes a rich food. Good for hogs or chickens. The seed ripens while the stem is yet green, so that if cut promptly you can get a crop of seed and also one of fodder or ensilage. Lb. 20c, not postpaid.

Millet

## **Peanuts**

spanish—The earliest variety grown; pods are small, but remarkably well-filled and solid, and the yield per acre is very large. Can be cultivated with the plow. Because of its early habit and easy cultivation it is the best variety to grow for fattening hogs.

Lb. 10c, not post-

WHITE JUM-BO—This is the standard variety

for roasting. The

peanuts are three times as large as those of the ordinary Spanish peanut. The nuts proper grow in fine double-jointed hulls of beautifull appearance, are from one-half to one inch in length, and of fine flavor. An excellent variety, and worthy of the highest recommendation.

Lb. 15c. not postpaid.

## Rape Seed

**DWARF ESSEX**—This is considered the most desirable variety of Rape, and should be planted on every farm and in every garden. Furnishes rich, nutritious pasture and green feed 6 to 7 weeks after planting. **Lb. 15c**; 10 lbs. \$1.25, not postpaid.

## Sunflower

MAMMOTH RUSSIAN—Produces very large heads, sometimes 15 inches across. The seeds are valued very highly as a feed for poultry and can be planted on a waste piece of ground any time in the early spring and until the middle of July. Should be sown at the rate of about 3 pounds to the acre.

Lb. 15c; 10 lbs. \$1.00, not postpaid.

## Field Beans

PINTO BEANS—Grown mostly for a dry bean but makes a good snap bean when the pod is young and green. Pods are flat and tender.

Lb. 15c, not postpaid.

PINK BEANS—These beans are grown as a dry bean and find a ready market.

Lb. 15c, not postpaid.

# FOR BIGGER AND BETTER CROPS USE ARMOUR'S FERTILIZERS

(See\_page\_21)

## **ACME DAWG-GONE**

The purpose of Dawg-Gone is to keep dogs away from evergreens. Evergreens and especially arbor vitae



are very easily burned, leaving them greatly disfigured if not entirely killed. DAWG-GONE is a combination of rare chemicals releasing odor very distasteful to dogs.

Packed in Tubes.

1 Tube\_\_\_\$ .25

# TACIDE. NON-POISONOUS WEED KILLER

#### Kill Johnson grass

Atlacide Non-Poisonous Weed Killer exterminates all undesirable vegetation—including poison ivy, etc.—as easily as watering a garden, without poison hazard to humans or animals. Simply mix with water and apply on any vegetation—weeds, grass, etc., with a sprinkling can or sprayer. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters. 1 lb. 20c; 10 lbs. \$1.50, not postpaid.

## Cyanogas

A gray powder giving off a poisonous gas when coming in contact with air. Kills ants, rats, moles and other rodents. Prices: ½ lb., 45c; lb., 75c; 5 lbs., \$3.00.

Protect tender young plants with HOTKAPS. Shield your plants from frost and wind. You will find full desription and prices on page 20 of this catalog.



Protect Your Garden Against Rain, Wind, Bugs, Frost

HOTKAPS

HOTKAPS are waxed paper cones, easily set out in quantity over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain perfect much. Growth is forced and yield is increased 10 to 25%. Crops mature 2 to 3 weeks earlier and bring premium prices. Prices; 1000 for \$9.75; 250 package with setter and tamper, \$3.65; 100 package with setter and tamper \$2.40; steel setter \$1.50; garden setter 50c. Postage extra.

Home Garden Set. 25 Hotkaps with Setter\_\_\_\_\_\$ .50 Postpaid 65c

## Flex-O-Glass



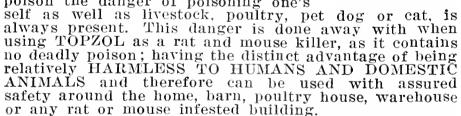
FLEX-O-GLASS costs only one-eighth as much as glass, is cut with ordinary shears, nailed on, easily removed and reinstalled. FLEX-O-GLASS pays for itself in a few days in extra chicks saved—but it lasts

It doesn't pay to turn your chicks out in the spring rains, slush and snow to catch cold and die. Science has proved you cannot raise them successfully under glass. Put them in a brooder house with large FLEX-O-GLASS windows that will admit plenty of unskimmed sunlight. Every chick will stay healthy, free from rickets (weak legs) and other diseases. Their fast, strong growth will be amazing. Use 15 square yards of FLEX-O-GLASS—only \$5.00 worth—for 300 chicks. Also keep your hens in this coop next winter and gather eggs while they are high. Raise your early pigs under FLEX-O-GLASS. Give them actual sunshine indoors—Natures only health producer. FLEX-O-GLASS Hotbeds raise strong plants for transplanting. Frames are light raise strong plants for transplanting. Frames are light, easily made, easily handled and hold heat better than glass. "FLEX-O-GLASS" marked on every yard assures perfect satisfaction, as its exceptional qualities are fully protected by patents.

		or moreper, y		\$ .35
5	Yard	Rollper	roll	1.35
		Rollper		2.70
		Rollper		4.05
		Rollper		6.75

#### TOPZOL **NON-POISONOUS**

TOPZOL—A new EXTERMINATOR that is NON-POISONOUS to humans, domestic animals, poultry, dogs or cats; but will kill rats and mice quick. TOPZOL drives them outdoors to die. Numerous materials and contrivances have been designed for the destruction of rats and mice, but few of them have proved to be of outstanding usefulness. When using a deadly rat poison the danger of poisoning one's



TOPZOL is guaranteed to kill rats and mice and nothing else, when used according to directions. Pur-

chase price refunded if it fails.

2-oz Can\_\_\_\_\_\$ .25



Package of Ten Prepared Baits Ready To Use.

**FOPZOL** 

**RATAND MOUSE** 

KILLER

50¢ SIZE GUARANTEED

BONIDE CHEMICAL COLNE

No Mixing. No Muss.

Pkg. \_\_\_\_15c

## Red Seal Rat Death



RED SEAL RAT **DEATH** is not new or an experiment, but has been successfully used in all work done by the International Exterminator Company, who for 21 years have specialized in

this is the first time it has been offered for sale to the home consumer and is filling a long felt want. It not only kills rats and mice but embalms and dries them up, thus leaving no odor.

2-oz.	can\$	.50
8-oz.	can1	.50

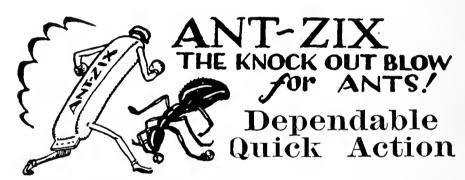
## Blue Death

RAT KILLER

BLUE DEATH—A new scientific rat exterminator that rats cannot resist. It attracts the wily, shy old fellows from their lairs and gets every last one. Blue Death contains pure, sweet, clean natural products that rats really like and eat voraciously. Blue Death is more toxic than arsenic, barium, strychnine and red squill. It is a slow acting poison and the time required to kill is from 8 to 14 hours. Its slow killing action allows rats to escape out in the open to die.

SAFE TO USE-Blue Death is absolutely safe to use. It cannot burn and it cannot set fire to other substances brought into contact with it. It will not harm the skin and it can be readily removed with water. It is safe to use because of the extremely fine state of its particle

GETS 100% KILL—Blue Death, when used in accordance with directions, is guaranteed to kill every last rat without fail. Purchase price refunded if it fails. 1¼-oz. Tube\_\_\_\_\_\$.35



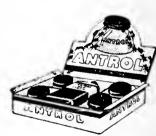
KILLS CERTAIN ANTS BY THE THOUSAND

ANT-ZIX contains a new poison, tasteless and odorless, combined with the most attractive ant lures known. It attracts certain sweet-eating ants and then destroys them like nothing else will.

ANT-ZIX is a syrup packed in convenient tubes ready for instant use. No expensive accessories needed. Used as it comes from the tube. Large Tube\_\_\_\_\_\_\$ .25

## KILLS ANTS in the Nest!

ANTROL is easy to use, economical, safe around children and pets. It consists of small glass containers from which the worker ants carry special Antrol Syrup to the nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls sweet and grease-eating ants.



PRICES:	
Antrol Sets containing 9 containers and 1 6-oz.	
bottle of Syrup\$	1.20
Antrol Syrup for Refilling:	
4-oz. bottle	.35
Pint	
Individual jars with syrup	
Regular Antrol Set, 4 jars with Syrup	

TO CONTROL GREASE-EATING ANTS In some sections of the country there are certain species of ants that are attracted only to greasy

foods, such as meats, butter, etc.

These species can be successfully controlled by placing a small piece of cooked bacon in each Feeder along with the Antrol Syrup.



#### VERT FOR BETTER LAWNS-FLOWERS VEGETABLES AND SHRUBS

You can have better lawns, flowers, and vegetables, if you use

hardy, disease-free seed and the right plant food.

Plants, like human beings, must receive the right nourishment. VERT provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply can be sown by hand like grass seed or applied with an ordinary kitchen collander. Effective because it contains all of the elements of plant food required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. Complete direction in every bag.

100-lb. bag\_\_\_\_\_\$3.50 50-lb. bag\_\_\_\_\_\_\_2.00 25-lb. bag\_\_\_\_\_\_\_1.25

## Armour's Fertilizers

NOTE—Prices on all fertilizers are subject to market changes. Write for quantity prices.

ARMOUR'S SPECIAL GARDEN FERTILIZER—This is a special prepared fertilizer for the home gardener containing the proper proportion of various ingredients to produce early, vigorous growth and bring vegetables, fruit, flowers and foliage to full development.

Prices: 10-lb. bag 50c; 25-lb. bag \$1.00; 50-lb. bag \$1.50; 100-lb. bag \$2.50.

ACID PHOSPHATE—16%—It gives excellent results on nearly all crops but is especially recommended for use on grains and grasses. Prices: Lb. 4c; 100 lbs. \$1.50.

BONE MEAL—Ground very fine. Acts very quickly. There is no better fertilizer for the home garden than this splendid material. Splendid for rose beds, pot plants, etc.

Prices: Lb. 5c; 100 lbs. \$2.50.

LIME (Hydrated)-For the sweetening and renovating of land that has become sour. It promotes growth and has a tendency to prevent weeds. Prices: Lb. 2c; 40 lbs. 45c.

NITRATE OF SODA—A fertilizer very quick in action and used for the nitrogen it contains. Will mature a crop several weeks earlier and greatly improve it. Prices: Lb. 6c; 100 lbs. \$2.75.

MURIATE OF POTASH—To be used liberally, especially for root crops. Prices: Lb. 5c: 100 lbs. \$3.25.

AMMONIA SULPHATE—Contains approximately 25% ammonia (nitrogen). One of the highest nitrogen foods. Prices: Lb. 6c; 100 lbs. \$2.75.

ARMOUR'S 6-12-6-A mixture for cotton and corn growers. Also used by truck farmers for potatoes, watermelons, tomatoes, etc. Prices: Lb. 5c; 100 lbs. \$2.40.

ARMOUR'S 6-10-7—A mixture for the grower who desires a lower phosphate content. Prices: Lb. 5c; 100 lbs. \$2.35.

ARMOUR'S 5-15-5—A mixture for the grower who desires a higher phosphate content. Prices: Lb. 5c; 100 lbs. \$2.40.

ARMOUR'S 9-27-9—This brand has been especially prepared for such crops as require a quick, strong fertilizer. Especially recommended for potatoes, strawberries, watermelons, and all garden truck. Prices: Lb. 6c; 100 lbs. \$3.50.

## Stim-U-Plant



#### PLANT FOOD IN TABLET FORM

The modern efficient and scientific method of fertilizing all kinds and conditions of growing plants in home garden, orchard and on farms.

STIM-U-PLANT—Is a 26-grain tablet with a guaranteed chemical analysis of 11% Nitrogen, 12% Phosphoric Acid and 15% Potash. No other plant food contains anything like as high an analysis as this.

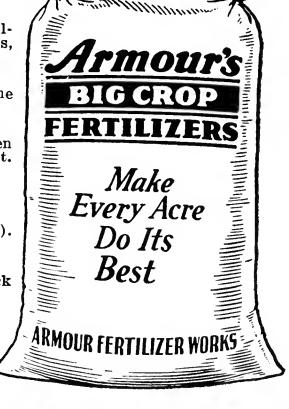
- They give an exact feeding unit.
- No messy mixing.
- 3. No unpleasant odor.
- 4. Maximum efficiency because no food-value lost in scattering, leaching, or run-off of soil surface-water.
- 5. Makes repotting of plants unnecessary as it replaces the food withdrawn by the growing plant.

Stim-U-Plant tablets are packed in four sizes:

\*Medium Size, 75 cents. Containing 100 Tablets.

\*Bucket, \$3.50. Containing 1,000 Tablets.

Postpaid





OTE CHATENED.

## **CROTOX**

BIRD AND RODENT REPELLENT

Treats All Smooth Surface Seeds

Saves Seed Loss and Replanting

BONIDE CRO-TOX protects your seeds during the period when they are most easily damaged by ridding your fields of crows, doves, larks, starlings, blackbirds, pheasants and

other seed-pulling birds and rodents, such as squirrels. woodchucks, moles, etc.

No need to replant seed when Bonide Cro-Tox is used. Birds and rodents will not molest seeds treated with Bonide Cro-Tox. Bonide Cro-Tox saves you expense and labor of replanting—assists you in preventing seed rot-aids and hastens germination. A guaranteed protection against seed pests at an insignificant cost of a few cents per acre.

½-Pt.	can—treats	1	bushel	seed\$	.60
1-Pt.	can—treats	<b>2</b>	bushels	seed	1.00
1-Qt.	can—treats	4	bushels	seed	1.50



Expiration Date—High Bacteria Count
— Approved — Tested and Guaranteed

#### NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed Culture Group "A"-ALFALFA and SWEET CLOVERS (including Hubam) and Bur Clover. Culture Group "B" — CLOVERS, MEDIUM RED, Mammoth Red, Alsike, Crimson and White Clover.

½ bu. size 35c ea.; 1 bu. size 55c ea.; 2½ bu. size \$1.20 ea.

Culture Group "L"-All varieties of Lespedeza-Unhulled or Hulled. Unhulled requires only 1 bu. size. Hulled requires 2 bu. size. 1 bu. size 35c ea.; 2 bu. size 55c ea.; 5 bu. size **\$1.20** ea.

Culture Group "S"—Soy Beans. All varieties. Culture Group "E"—PEANUTS, COW PEAS, LIMA BEANS, VELVET BEANS, Kudzu, Crotalaria and Beggar Weed. 1 bu. size 35c ea.; 2 bu. size 55c ea.; 5 bu. size \$1.20 ea.; 10 bu. size \$1.75 ea.; 25 bu.

Culture Group "C"—VETCHES (Hairy, Spring, Wild) AUSTRIAN PEAS, Canadian Field and Garden Peas, Broad Beans, Sweet Peas and Lentils.

Culture Group "D"—Field and Garden BEANS (Navy, Kidney and Scarlet Runner Beans). ½ bu. size 30c ea.; 1 bu. size 45c ea.; 1% bu. size (100 lb. size) 65c; 5 bu. size \$1.85 ea.; 12½ bu. size \$4.25 ea.

#### **NEW GARDEN SIZE**

size \$3.75 ea.

For Garden Peas, Beans, Sweet Peas, Lima Beans, and Lupines. Inoculates any amount up to 4 lbs. seed. Price ea.....



Remember...
Legumes NOT Inoculated are "SOIL ROBBERS"
Legumes WELL Inoculated are "SOIL BUILDERS"

## TREE TANGLEFOOT

STOPS ALL CLIMBING INSECTS

TREE TANGLEFOOT is a sticky material for applying in bands around the trunks of trees and vines to combat the climbing and creeping type of destructive insect pests, effectively controlling Canker Worms, Climbing Cut Worms, Gypsy Moth Caterpillars, Browntail Moth Caterpillars, Tussock Moth Caterpillars, Bag or Basket Worms and Cut Ants. It remains effective three to four months, outlasting 10 to 20 times any other material.



RECOMMENDED BY AUTHORITIES Forestry experts, government experiment stations and large commercial orchardists the country over are included in our list of users and enthusiastic boosters of TREE TANGLEFOOT. Safe, Dependable, Long Lasting. 6-0z. can\_\_\_\_\_\$ .25 5-lb. can\_\_\_\_\_\$2.75 1-lb. can\_\_\_\_\_\_.60 10-lb. can\_\_\_\_\_ 5.25

### 6% Formaldehyde Dust FOR SOIL TREATMENT

Controls those diseases causing "Damping Off" of flower and vegetable seedlings and cuttings.. Use 1½ oz. to square foot or 1 oz. to 30 foot row. Lb. 35c; 15-lb. drum \$4.50.

# Prevent Disease Losses by Using Seed Disinfectants



SEMESAN For Vegetable and Flower Seeds-Diseases often reduce germination and result in a poor stand, lowered quality and reduced yield of vegetables and flowers. Kill these harmful disease organisms on the seed with Semesan before planting. Semesan may be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping-off of seedlings and certain cuttings. Full directions in can, for use on vegetable and flower seeds and bulbs.

2 oz. 50c; 1 lb. \$2.50; 5 lbs. \$11.75. SEMESAN BEL



For Seed Potatoes-Effective in controlling such seed-borne disease as scab, rhizoctonia and black leg. Protects seed piece from rotting caused by certain soil-borne organisms, improves germination and usually produces a bigger crop of better quality. One pound treats 16 to 22 bushels of seed.
4 oz. 50c; 1 lb. \$1.65; 5 lbs. \$7.00.

17/64 160 CERESAN

**CERESAN** For Seed Grains-Effective in controlling stinking smut and seed-borne flag smut of wheat; seeding blight of cereals caused by seed-borne scab; smuts of oats; covered smut and stripe of barley; kernel smuts of sorghums and millets; and seed-borne stem smut of rye. Seed may be treated in spare time. Ceresan is harmless to seed and does not injure grain drills; only 2 oz. needed per bushel of seed wheat, rye, sorghums or millets; 3 oz. for oats and barley. 1 lb. 75c; 5 lbs. \$3.00.

SEMESAN JR. SEED CORN

SEMESAN JR. Corn Yields increased 10% by treating seed with New Improved Semesan Jr.—2½ cents an acre for New Improved Semesan Jr. is a trifling investment to increase your corn crop 10%. In 51 tests on Corn Belt farms, this new ethyl mercury phosphate dust produced an average increase of 10% in yield. New Improved Semesan Jr. protects seed field or sweet corn against rotting; gives better stands; reduces losses from root rots. Easily and quickly dusted on seed at the rate of 2 ounces a bushel. There is a measuring spoon in larger sized tins; costs less than 3c an acre; does not reduce rate of drop in planting. 4 oz. 35c; 1 lb. \$1.00; 5 lbs. \$4.75.

#### Cuprocide SEED PROTECTANT

A safe and effective fungicide used as a seed treatment for the prevention of "damping off." Many vegetable and flowers seeds are difficult to grow without loss of many of the seedlings from the fungous disease known as "damping off." Many times the soil is so heavily infested with fungi that the seeds rot before they have time to sprout and come up. To combat this fungous disease, coat or dust the seed with Cuprocide, which will keep the fungi away from young plants.



Carbon Bisulphide

CARBON BISULPHIDE (High Life)—Used very extensively in fighting harvester and cut ants. Most effective if used after a good rain, pour carbon bisulphide into nest opening late in the evening and close up opening. Use from 1 quart to gallon depending upon size of nests. As a weevil control use 2 to 3 ounces to a 50-gallon drum. Qts. 55c; gal. \$1.75, not mailable.

## Paradichlorobenze (P.D.B.)

A government-recommended control of the peach borer. Clean gum away from the tree trunk. Encircle the tree, two inches away from the trunk, with one ounce of P.D.B. and cover with fine dirt. Tramp down firmly. A weevil control (non-explosive) and more economical to use than High Life. Use two to three ounces in a barrel of grain. Should not be used on beans or peas that you desire to use for eating. Also recommended to oust moths out of beehives and clothes; acts as a deodorant. Prices: 1/4 lb. 15c; 1/2 lb. 25c; 1 lb. 45c.

# A RELIABLE BRAND

# SPRAYING PAYS

## ACME Insecticides and Fungicides





POISON &

ACME

#### Acme Garden Gua**r**d

A garden insecticide and fungicide for use as a dust. No water, no mixing no fuss. Prices: 1-lb. sifter carton 35c; 4 lbs. 90c.



A rich emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary. Prices: 1/4 lb. 16c; 1 lb. 50c; 5 lbs. \$2.00; 14 lbs. \$5.25.

#### Acme Two-Way Spray

A balanced insecticide and fungicide containing 14% arsenate of lead and 83% Bordeaux Mixture. results with one application. Prices: ½ lb. 20c; 1 lb. 30c; 4 lbs. 80c.

#### Acme Lime Sulfur

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mote. Prices: 1 lb., 30c; 5 lbs. \$1.30; 10 lbs. \$2.25; 25 lbs. \$3.50; 100 lbs. \$14.00.

#### Acme Spray Soap

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc.

Its use with Nicotine greatly increases the value of that spray. 1 lb. 30c; 5 lbs. \$1.10; 10 lbs. \$2.00.

#### Acme London Purple

A favored insecticide for 50 years. Now stronger and better than ever. Prices:: 1/4 lb. 15c; 1 lb. 30c; 4 lbs. 60c.

#### Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Prices: ½ 1b. 18c; 1b. 30c; 4 1bs. 70c; 100 lbs. \$13.50.

#### Acme Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose, and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Prices: 1 lb. 25c; 4 lbs. 60c.

#### Acme All Round Spray

All round spray contains the three leading remedies used by all large growers: Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture. 1/4 lb. 35c; 1 lb. 75c.

#### Acme Calcium Arsenate

The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. The accepted dust for boll weevil poisoning on cotton; also recommended to combat chewing insects.

Prices: ½ lb. 13c; 1 lb. 22c; 4 lbs. 50c; 100 lbs. \$8.50.

ACME DUSTING SULPHUR-For mildew, black spot on roses and other plant diseases. 3-lb pkt. 45c.

#### Acme Nik-Emo

Here is an improved nicotine garden spray combining nicotine in its most active form with Emo, a summer oil emulsion spray of the finest quality. For control of aphis, mealy bugs, red spiders, thrip, white flies, rust mites, mildew, certain scale insects and certain other garden pests.

Prices: 4½ oz. 35c; pint 65c; quart 95c.





DRY MILLED SULPHUR-Used as a fungicide, also for blight or mildew on roses. Lb. 10c; 3 lbs. 25c; 14 lbs. \$1.00;

100 lbs. \$5.00. "BLACK LEAF 40"-A concentrated solution of nicotine sulphate for combating aphis or plant lice. 1-oz. bottle 35c; 5-oz. bottle \$1.00; 1-lb. can \$2.25; 2-lb.

can \$3.25; 5-lb. can \$5.85; 10-lb. can \$10.60. TOBACCO DUST—Effective against cabbage fly and worms. Lb. 8c; 10 lbs. 60c: 100 lbs. \$5.00. COPPER SULPHATE (Blue Stone)—Used

for making Bordeaux Mixture. Lb. 15c; 10 lbs. \$1.25; 25 lbs. \$2.50; 100 lbs. \$8.50.

COPPERAS (Sulphate of Iron)—A splendid neutralizer of alkali in the soil. Use 200 to 400 pounds per acre; also fine for lawns. Lb. 5c; 25 lbs. \$1.00; 100 lbs. \$3.00.

## SNAROL

## Sure Death to Garden Pests

Cutworms, Sowbugs, Grasshoppers, Slugs, Snails, Earwigs, Etc., Are Quickly Exterminated

SNAROL is a ready-prepared meal that you simply broadcast on the ground, under the vegetation. Pests eat it at night and are quickly destroyed.

SNAROL will not deteriorate from rain or sprinkling. Thus it lasts longer and is more economical. Requires no preparation. It is non-injurious to vegetation when used according to simple directions.



PRICES

$1\frac{1}{2}$	-lb.	packages\$	.35
3	-lb.	packages	.60
15	-lb.	bags	2.25
50	-1b.	bags	6.00
	•		

## HEXPO

Hexpo is an improved balanced combination spray for combating chewing insects and fungus diseases in one application. It is in dry powdered form and can be used as a dust or it mixes readily with water.

DOUBLE DUTY (2-in-1) HEXPO is the strongest and safest combined preparation to use for the prevention of certain fungus disease and chewing insects. It kills bugs and prevents blight at the one operation—a big saving in time and labor, the most expensive items of spraying. HEXPO should be used possible to reduce ing costs. It possesses superior suspension qualities, uniformity and fineness to any home-made combination. Not mailable.





#### 1-lb. pkg.\_\_\_\_\$ .35 4-lb. pkg.\_\_\_\_\_ 1.20

## Acme Aphis Spray

A combination of Nicotine Sulphate 40% and Fish Oil Soap for use on vegetables, roses, vines, flowers and shrubs to control aphis, thrip, leaf hopper and young scale.

3-oz. Tube\_\_\_\_\_\$ .35 12-oz. Tube\_\_\_\_\_\_\_.90

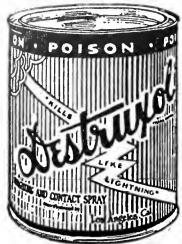
#### SPRAYING GUIDE

We will gladly mail you upon request our Spraying Guide. Tells you how, what and when to spray. Send for your copy today. IT'S FREE!









## Destruxol

This is one of the finest sprays we know for use against such common garden pests as aphids, thrips, lice, red spider, leaf roller hoppers, mealy bugs and mildew. It contains Nicotine Sulphate, Cyanide, etc., the Cyanide giving off fumes which reach insect life on the under side of foliage. Destruxol may be used at all seasons with entire safety although the warmer the weather, the greater is the fuming action. There is little chance of burning or checking growth and on roses or other hardy subjects, the solu-

tion may be used at double strength. Use 1 large teaspoonful of Destruxol to 1 gallon of water.

1	oz.	makes	5	gallons	spray\$	.40
					spray	
1/4	pt.	makes	25	gallons	spray	<b>.9</b> 0
1/2	pt.	makes	50	gallons	spray1	.65
					spray2	
					spray4	.25
1	Must	t be se	nt v	ia expre	ess. Not mailable	

## Non-Arsenical Insecticides

KALITE-A quick-killing dust for con-Quicker, trol of chewing insects. Contains no arsenic. Safe to use. Safer and Easier Prices: 1 lb. 35c; 31/4 lbs. \$1.00.

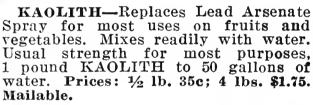


KALOIL - For sucking insects, such as Aphis (plant lice). Kills on contact. Needs no soap or special preparation. Nonpoisonous. Prices: 1½ oz. 35c; 6 oz. \$1.00.





chewing insects. Safe to use. Prices: ½ lb. can 35c; 4-lb. bag 90c. Not mailable.





## **CUBOR**

#### NON-POISONOUS INSECTICIDE

CUBOR—Is a non-poisonous insecticide adapted for the control of a wider range of leaf-eating and sap-sucking insects than any other single product. As a single broad use product, it replaces a majority of the materials formerly needed for specific pests. One pound will make from 25 to 100 gallons of spray according to strength needed. ½-oz Pkg. 10c; 2-oz. pkg. 35c; 1-lb. pkg. \$1.25; 4-lb. pkg. \$3.20.

CUBOR DUST-For Dusting-1-lb. pkg., 20c; 10 lbs., \$1.90; 25 lbs., \$4.50.



#### KILLS

UBOR

Leaf-Eating and Sucking Insects

There are two distinct classes of insects
—the chewing "eating" kind and the
sap "sucking" kind. A different insecticide used to be necessary for each class. Now "Green Tox 50" kills both. It kills the sap-sucking kind by contact and the chewing kind by stomach poisoning

"Green Tox 50" is non-poisonous to humans, animals and birds, but sure death to "chewing" and "sucking" insects. No danger from eating fruit or vegetables sprayed with "Green

	0.2 100,	90			
	oz\$.35—makes				
	oz 1.00—makes				
1	pt 2.00—makes	120	gallons		
1	qt 3.50—makes	240	gallons		
Mailable					



## SHEPS PLANT SPRAY (NON-POISONOUS)



Get rid of destructive insects. Use SHEPS Plant Spray. Kills and controls both sucking and chewing insects but absolutely harmless to humans, birds, animals and pets. Will not "burn" delicate leaves or flowers. Makes green, healthy, lustrous foliage. No soapsud solution needed-simply mix with water.

#### PRICES POSTPAID

8-oz. bottle, makes 16 gals. Spray\_\_\_\$ .75 Pint bottle, makes 32 gals. Spray\_\_\_ 1.25 Quart can, makes 64 gals. Spray\_\_\_ 2.00 1½-oz. bottle\_\_\_\_\_

## Wettable Sulphur

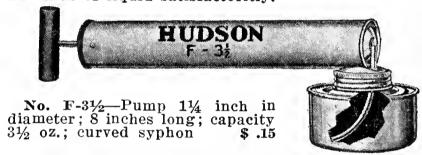
To be used in water for the control of such fungicidal disease as are susceptible to sulphur. For stone fruit, use 2 to 4 pounds, to 50 gallons of water For apple and pear, use 3 to 8 pounds in 50 gallous of water. WETTABLE SULPHUR may also be used as a dust or mixed with Arsenate of Lead. Always add 4 pounds of Hydrated Lime to each pound of Arsenate of Lead when used either as a liquid spray or a dust. Lb. 20c; 10 lbs. \$1.50; 100 lbs. \$12.50.

DRY MILLED SULPHUR-Used as a fungicide, also for blight or mildew on roses. Lb. 10c; 3 lbs. 25c; 14 lbs. \$1.00; 100 lbs. \$5.00.

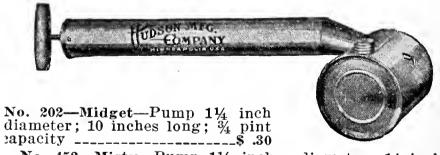
COMMERCIAL SULPHUR—Especially valuable as an insecticide and splendid for soil treatment. 10 lbs. 45c; 100 lbs. \$3.25.

## **Hudson Hand Spray Pumps**

These hand spray pumps are well made and especially adapted for use in and about the home. Handle all kinds of liquid satisfactoritly.







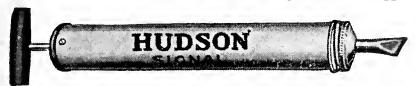
No. 452—Misty—Pump 1½ inches diameter; 14 inches long; 1 quart capacity\_\_\_\_\_\_.45

## Continuous Spray Pump



long. Fitted with brass syphon tube and nozzle to prevent corrosion. Adjustable for any type of spray from fog to solid stream. Absolutely will not spit. No. 432—Tin container, 1 quart\_\_\_\_\_

## **Hudson Powder Duster**



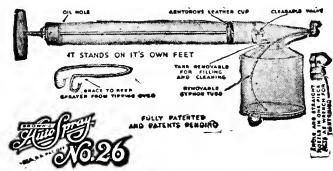
A strong constructed, very efficient duster for the home gardener. Dusts any kind of powder.

No. 651—Corporal, 1½-in. diameter, 5-in. stroke\_\_\_\_\$ .20

No. 660—Signal, 1½-in. diameter, 7-in. stroke\_\_\_\_\_ .30

No. 663—Cadet, 1¾-in. diameter, 8-in. stroke\_\_\_\_\_ .60

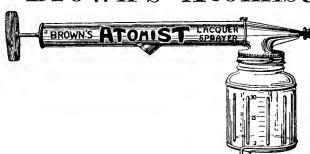
## It Sprays Continuously



The Continuous Sprayer has a feature which will give you a continuous spray as long as there is any air left in the tank, and for this reason is used a great deal, as it is not fatiguing to operate same.

No. 26—Continuous Sprayer (not postpaid)\_\_\_\_\_\$1.25

## Brown's Atomist



The Atomist Lacquer Sprayer is adaptable for use in touching up around the house—for spraying furniture, small work automobile fenders and especially for quick touch-up jobs. The leather diaphragm prevents lacquer from clogging in the spray head and the removable valve cap on top of pump cylinder permits cleaning of ball valve. Made with lithographed pump cylinder and glass tank. This sprayer can also be used with disinfectants and insecticides. A valuable Sprayer around the home. Capacity 1 qt; lithographed tin cylinder, glass tank.

## Crystal Duster



A very practical, inexpensive duster of new design. It is of simple construction, single acting. USES-For spraying dust on small garden plots, rose bushes or in any place where dust is to be applied in small quantities. It is especially adaptable for use in applying insect powders. Shipping weight 3 pounds.

## **Hudson Modoc Bucket Pump**

Best all-around Bucket Pump on the market; made of good heavy brass material, and will last a lifetime; it is the best all-around pump for the poultryman and gardener. Shipping Weight 7 Lbs.
No. 122—Modoc\_\_\_\_\_\$3.40 No. 112—Marvel \_\_\_\_\_ 2.65

## Angle Fog Nozzle

This nozzle is especially recommended for spraying the underside of leaves of vine crops.



No. 60—White Wash Nozzle\_\_ 1.00 No. 71—Bordeaux Nozzle\_\_\_\_ 1.00

## **Hudson Perfection Sprayer**

a steam boiler. The allriveted seams give the necessary strength for developing high press-ure which is absolutely essential for good results. This all-brass pump is placed inside the tank and is easily removed.

For work of any kind requiring a high pressure compressed air sprayer the Perfection is supreme. It can be used around the house and yard, in the barn-yard and outhouses, on truck farms, in vineyard, potato, onion and melon fields, and all sizes of orchards. Shipping weight 12 lbs.

 No. 140-G—Galvanized Tank, 2½ Gallons
 \$4.95

 No. 140-B—Brass Tank, 2½ Gallons
 7.15

 No. 110-G—Galvanized Tank, 4 Gallons
 6.25

 No. 110-B—Brass Tank, 4 Gallons
 9.60

Hudson Sterling Sprayer HUDSON STERLING SPRAYER—Offers all the essentials of a high pressure compressed air sprayer at a minimum cost. Made of high quality material throughout, simplicity of construction with resulting lower costs permitting its attractive price. Adapted for all

# Hudson Thrifty Sprayer No. 120G—Galvanized Tank, 21/4 gallons\_\_\_\_\_\_\$3.25

## **Hudson Leader Sprayer**

No. 192—Galvanized Tank, 3½ gallons\_\_\_\_\_\$3.25



## Brown Auto Spray Has a tank made of

HUDNUN

heavy non-corrosive sheet brass or galvanized steel, air pump and syphon tube of seamless brass tubing; pump handle of sturdy malleable iron. The air pump located inside solution tank is made absolutely airtight by a locking device of collar and locking nut of brass. Capacity of tank 3½ gallons. Shipping weight, 12 lbs.

No. 9B—Brass tank....\$7.50

No. 9D—Galvanized

tank\_\_\_\_\_ 5.00 No. 50D—Galvanized

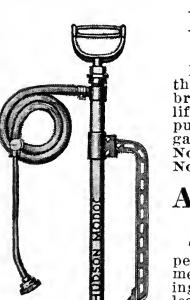
2 gal.\_\_\_\_ 3.50 No. 50B-Brass tank 2 gal.\_\_\_\_\_ 5.0 Shipping weight, 7 lbs. **5.0**0

**Hudson Du-More Sprayer** 



angle fog nozzle. Shipping weight 10 pounds.

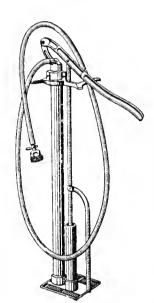
No. 147G—Galvanized Tank\_\_\_\_\_\$14.00 No. 147B—Copper Tank\_\_\_\_\_\_ 18.00



## **Hudson Barrel Spray Pump**

In our No. 4, we have developed a pump that will meet every requirement of a permanent Barrel Pump. It is powerful, light and durable and will develop better than 250 lbs. pressure with ease. Can be used with either one or two lines of hose.
No. 45-A—Outfit consists of No. 4

Pump, 6 ft. %-in. Sprayer Hose, Fog Nozzle, and a 4-ft. extension rod. \$12.00.



## Brown Barrel Spray Pump

Brown's Auto-Spray No. 4-Because of spe-

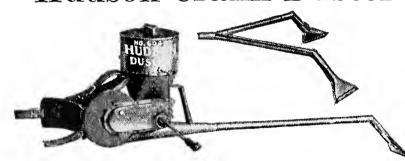
cial design this pump is light in weight and consequently it is comparatively inexpensive. However, it is durable and sturdy in construction. Auto-Spray No. 4 accommodates one lead of hose although it can be used with an attachment for using two mozzles in a cluster. The long air chamber stores up reserve pressure so that nozzle throws a continuous spray. Agitator is

automatic in operation and functions as long as the

automatic in operation and functions as long as the pump is being operated.

Pump cylinder 1½ inches in diameter. Valves at bottom of pump are of brass and are in a brass casting. Plunger head brass. Casting on top of pump and air chamber of iron. Packing is a graphite composition. Shipping weight 25 lbs. Price \$12.00.

## **Hudson Crank Duster**



The No. 608 Duster develops an unusually powerful air blast. It delivers more than enough air at the nozzles air blast. It delivers more than enough air at the nozzles to prevent clogging, and to break the powder into a fine dust. It has two agitators, one oscillating, one rotary. The oscillating agitator keeps the powder from caknig in the hopper. The rotary agitator feeds the powder down into the delivery spout. Indicator has a very wide range of adjustment. Capacity, 5 to 10 pounds, depending upon density of powder used.

No. 608—Shipping weight 15 lbs.\_\_\_\_\_\$12.50

Planet Jr. No. 4 Combined Hill and Drill Seeder and

Single  $\widetilde{\mathbf{Wheel}}$ Hoe

The No. 4 is a combination of the most useful tools for a moderate sized garden. It plants almost all vegetable seed in

continuous rows
or in hills four, six, eight, twelve or twenty-four inches apart. A plow adjustable for depth opens a straight narrow furrow, the seeds are dropped in it, are covered and the soil firmed and the next row marked out all in the same operation. Converted into a Single Wheel Hoe

by changing one bolt. Cultivating equipment includes all the essential equipment for hoeing, weeding, cultivatnig, plowing, furrowing, ridging, etc. The tools are oil hardened and tempered and will wear almost indefinitely.

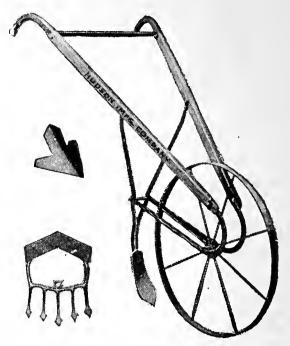
 No. 4—Complete
 \$17.50

 No. 40—Planter only
 13.75

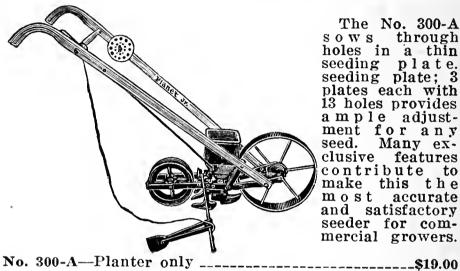
## Hudson Garden Plow

A counterbalance plow, with a 24-inch high wheel made of the very best material and most careful workmanship. This is a good strong, durable tool and can be used in the largest gardens. Is very popular and the best of its kind. Shipped with tools as shown.

Weight 28 pounds. No. 242\_\_\_\_each \$3.75



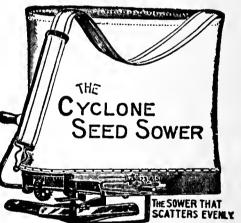
## Planet Jr. No. 300-A Seeder



The No. 300-A sows through holes in a thin seeding plate, seeding plate; 3 plates each with 13 holes provides ample adjust-ment for any seed. Many exclusive features contribute to make this the most accurate and satisfactory seeder for com-mercial growers.

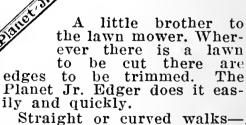
## Cyclone Seed Sower

A machine of very simple construction. This seeder will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Millet, Clovers, Grass Seeds, etc. It can be very easily adjusted to suit seed being sown. We sell a world of them every year and our customers say they give good satisfaction. \$2.25 each, customers paying transportation charges. Mailing weight 6 pounds.



No. 2 Planet Jr. Edger

Packed weight 33/4 Lbs. Net 31/4 Lbs.



Straight or curved walks—cement, stone or brick. And just as effective for edging flower beds and borders.

It is always ready, for there is nothing to adjust or get out of order. And the cutting disc is well sharpened and tempered.

Each \_\_\_

## Garden Success

DEPENDS A GREAT DEAL ON YOUR GARDEN TOOLS AND HOW YOU USE THEM

## **Efficient Garden Tools**

are inexpensive. They save lots of labor and lots of bruises. They are well worth the small cost. When you send in your order for flower seeds order the trowels and other small supplies you need.

## Moe's Garden Trowels

No. 80 — Garden Trowel. One-piece pressed steel. Handsomely finished in baked enamel. Length of blade 6 inches. Ground and



6 inches. Ground and polished points. Each, 10c; shipping weight, 8 ounces.

## Moe's Transplanting Trowels



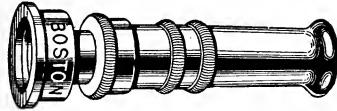
No. 81—Transplanting Trowel. One-piece pressed steel. Handsomely finished in black blade 6 inches Width 13/

and baked enamel. Length of blade, 6 inches. Width 1¾ inches. Ground and polished points. Each, 10c; shipping weight. 7 ounces.

## Moe's Garden Weeder

No. 82—Garden Weeder.
One-piece pressed steel.
Handsomely finished in
black baked enamel. Has
five steel fingers, and is one of the most useful and
handiest garden tools made. Ground and polished
points. Each, 10c; shipping weight, 7 ounces.

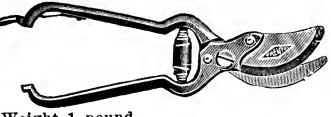
## **Hose Nozzles**



HOSE NOZZLE—Boston Pattern Brass Hose Nozzle. 75c each; shipping weight 10 ounces.
PEORIA—Same pattern as Boston but lighter construction. Shipping weight, 8 ounces. 65c each.

## **Pruning Shears**

California pattern. Length, 9 inches, tempered tool steel blade. Volute spring. Adjustable rachet nut. Black Japanned handles. Weight 1 pound.



\_\_\_\_\_Each \$ .60

**Hedge Shears** 

Blades hand forged crucible steel, notched, off-set shank. Tangs bolted clear through the wooden handles.

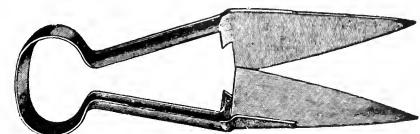


6 inch, Plain Handle. weight 4 pounds\_\_\_\_\_\$1.00 6 inch Polished Handle, weight 4 pounds\_\_\_\_\_\_\_1.40 8 inch, Plain Handle, weight 5 pounds\_\_\_\_\_\_\_1.40

## **Pruning Saw**

PRUNING SAW—The ideal saw for pruning, having a 15-inch curved blade. \$1.25 each.

## **Grass Shears**



Hand forged from cutlery steel. Blades 6 inches long, ground and set, and full polish.
Plain Hand Forged, weight 12 oz.\_\_\_\_\_\$.45

## Flower Pots

We pack as carefully as possible but they are shipped at purchaser's risk of breakage. Shipping charges not prepaid. Add 20% to these prices for packing charges.

	E	acn		Ľ	acn
<b>2</b>	in\$	.03	9	in\$	.35
3	in	.03	$10^{\circ}$	in	.40
4	in	.05	12	in	.75
5	in	.06	14	in	1.15
6	in	.10	16	in	1.50
8	in	.20			

## Pot Saucers

		ech
4	in	\$ .04
6	is	 .05
8	in	 .10
	in	



## Fern or Begonia Pots

They are not as deep as the regular flower pots and are used a great deal for growing Ferns and Begonias in also Asparagus Plants, etc.

Begonias in; also Asparagus Plan	its, etc.
Each	Each
6 in\$ .10 12 in	\$ .40
8 in15 14 in	55
10 in	

# HOTKAPS—An Individual Hothouse for Every Plant!

See Page 20



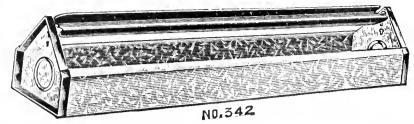
## Granulated Peat Moss

Something new which is just coming into general use. Imported Peat Moss is a brown, soft and spongy matter, formed years ago by the decay of mosses and other vegetable matter. It has high fertilizing value; holds moisture and is especially valuable for waxy lands. One bale is sufficient to cover 240 square feet one inch deep. The bale weighs approximately 140 pounds. Ideal for potting bulbs, either to be grown in water or under soil conditions. 5c per lb.; \$3.00 per bale, f.o.b. San Antonio.

## RAFFIA

For bunching vegetables and tying flowers and vegetables to supports. We handle only the best grade. Lb. 45c; 5 lbs. \$1.75, postpaid. Not prepaid: 10 lbs. \$3.00; 25 lbs. \$6.50.

## Square Bottom Chick Trough



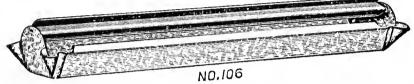
Revolving metal reel prevents chicks roosting or getting into trough; reel adjustable to 3 positions; will feed day-old chicks or 8-weeks old; a real all-purpose

feeder at a low price.

Trough of 26-gauge galvanized steel is 4 inches wide and 2 inches deep; turned flanges along trough edges

ргечепц				
No. 342-	-2 ft.	long.	each\$	.40
			each	
			each	

## Winner Chick Trough



Trough is made of heavy gauge galvanized steel; die stamped in one piece; holds either feed or water; turned flange along trough edge is folded—no sharp edge.

Flange prevents feed waste.

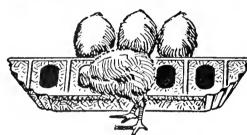
Revolving metal reel is "Z-shaped" for strength; will not warp or stick; prevents chick from roosting or get-

ting into trough.

Trough is 1½ inch deep, 2½ inches wide at bottom and 31/2 inches wide at flange upturn. A big value. The

	e is surpi				
No.	104A - 12	in.	long,	each\$	.15
No.	105A—18	in.	long,	each	.20
No.	<b>106A</b> —24	in.	long,	each	.25

## Oakes' Chick Feed Troughs



These troughs are ideal for feeding chick starter to baby chicks. Trough is stamped out of one piece of heavy galvanized steel without seams. Very easy to keep clean. The grate is a separate piece and slides on and off easily. Prevents waste of

feed. Made of galvanized steel for dry feed and heavy charcoal tin for feeding milk.

MASH FEEDER

	MATERIAL A MINISTRA	
No.	71—Galvanized, 10-inch, each\$	.15
No.	72—Galvanized, 20-inch, each	.25
No.	71A—Tin, 10-inch, each	.25
No.	72A—Tin, 20-inch, each	.40

## Oakes' New Chick Troughs



A new inexpensive chick trough. Made of galvanized iron with galvanized cross wire welded on. Ends are soldered on so that trough can be used for either feed or water. Easy to fill and clean. Cross wire prevents chicks from getting into trough or soiling feed.

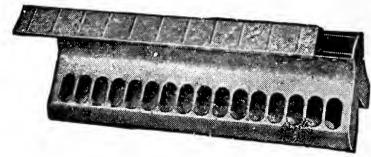
No. 5120—18-inch,	each\$	.25
No. 5124—22-inch,	each	.30

## Oakes' Feeders for Growing Chicks



Made of steel, 4 feet in length, capacity about 12 qts. Wires 2 inches apart prevent fowls getting into trough. No. 6A—Without lid, each\_\_\_\_\_\$1.20

## Oakes' Inexpensive Chick Feeder



This feeder is made in one size, 42 inches in length. Sloping top prevents roosting and slides off for filling or cleaning. V-shaped bottom throws feed toward the outside and prevents clogging. Has 68 feeding spaces. No. 375—42 inch, each\_\_\_\_\_\_\$2.00

# Oakes' Capacity Chick Feeder

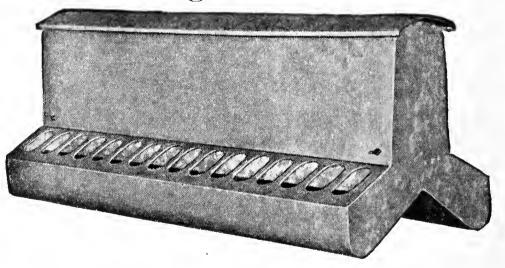
Saves time, labor and feed for large flocks of chicks. Double feeding space with 25 feeding spaces on each side; wires extend into hopper so that chicks in eating shake down the mash and prevent clog-ging; hinged lid on top; capacity 75 lbs. of mash; length 48 in.; height 12 in.; width at

bottom 11 in.

No. 848—48-in. size,
capacity 75 lbs.,
each \_\_\_\_\_\$4.00



## Oakes' **Growing Chick Feeder**



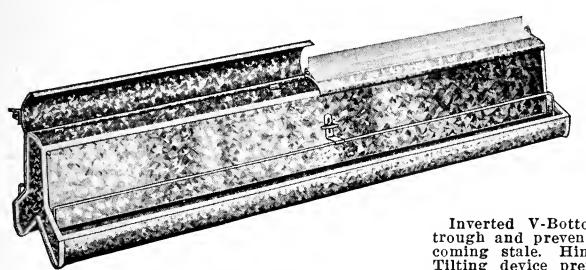
This new feeder is decidedly popular in all parts of the country for feeding dry mash and all kinds of ground feed to growing chicks and mature fowls.

fills from the top. Feed flange can be raised or lowered to feed either fine or coarse feed. Feed cannot be thrown out and wasted. Cannot clog, as all feed is forced out under the openings by the V-shaped bottom. Chicks feed from both sides. Lid is hinged. Tippler prevents roosting on top.

No. 29—Length 35 inches\_\_\_\_\_\_\$2.00 No. 30—Length 42 inches\_\_\_\_\_\_\_2.50

## **Bottom Filled** Fountain

Consists of a cone-shaped can and a stamped pan, which forms trough from which the fowls drink. Both parts made of galvanized sheet metal and well soldered.



## Wire Guarded Chick Feeder

With Adjustable Wire Guard

This feeder will accommodate a large number of chicks at one time. The open trough principle is featured in this feeder. It accommodates a larger number of chicks at one time than a covered trough with individual feeding holes. The wire bar extends the full length of the trough. Adjustable up and down to regulate the width of the feeding space from chick size up to pullet size.

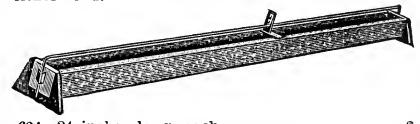
Inverted V-Bottom throws all the feed forward into the trough and prevents it from gathering in the center and becoming stale. Hinged lid makes it easy to clean and fill. Tilting device prevents roosting on top.

No. 642—42 inches long, 21-qt. capacity, weight 10 lbs.\_\_\_\_\_\_Each\_\$2.00

## Square Bottom Non-Tip Feed Trough For Baby Chicks and Growing Chicks

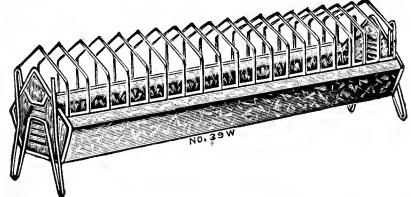
Made of heavy galvanized steel with spot welded ends. Wire guard running the length of the trough is adjustable. It can be lowered to keep baby chicks out of the trough, slightly raised for growing chicks and raised still higher for broilers and even for hens.

Because of the square bottom construction it is practical to set this trough up on bricks or board blocks as it cannot be tipped over if it happens to dislodge at either end.



No. 624—24 inches long, each\_\_\_\_\_\_\$ .30 No. 660—60 inches long, each\_\_\_\_\_\_\_.55

## Grill Top Broiler Feeder

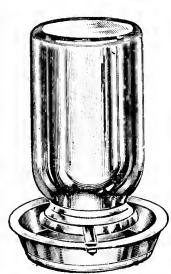


A convenient and durable feeder for growing chicks.

The galvanized wire grill is hinged and swings back for filling and cleaning.

Trough is 6% inches wide and 3 inches deep. It is made in heavy galvanized iron or in bright charcoal dairy tin for milk feeding.

No. 3942W-42 inches long, galvanized, each\_\_\_\_\_\$1.60 (With Adjustable Legs)



## Glass Pan Fountain FOR USE OF MASON JARS

The drink ing pan is of heavy glass with smooth edge. The Mason Jar screws into the metal clip and is held firmly in position. The clip snaps over the outer edge of the pan. Jar and pan are quickly detached from the pan for filling or cleaning. An ideal fount for feeding buttermilk or medicated water. Saucer is 6 inches in diameter. Chicks cannot get into the pan.

No. 65-G\_\_\_\_\_Each \$ .15 (Glass Jar not included)

2 for 25c No. 67G—Galvanized pan with metal clip, each\_\_\_\_\$.10 3 for 25c No. 67T—Charcoal tin pan with metal clip, each\_\_\_\_ .12

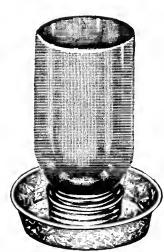
## Buttermilk **Feeder**

A perfect feeder for sour milk, buttermilk, water, hard grain or grit. The container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Shipping weight, 1 lb.

Each 25c

No. 70B—Holds ½-gallon jar. No. 70A—Holds 1-quart jar.

## Jar Fountain



Made from two materials, extra heavy galvanized iron, charcoal tin. No solder used; very substantial pan with heavy rolled edge; electric-welded center; can be used for chick feed as well as water. Charcoal Tin fountain is designed for dispensing buttermilk and sour milk especially. We do not furnish the glass jars.

No. 69G—Galvanized; shipping weight 8 oz.; each 10c;

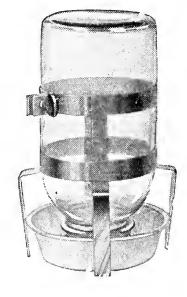
3 for\_\_\_\_\_\$ .25 No. 69T—Charcoal Tin; shipping weight 7 oz.; each\_ .16

## Jar Fount and Stand

This fount is similar to the above Mason Jar Founts with the exception that the clips have wire leg extensions. The high legs lift saucer up out of the litter and keep it clean. Not too high for day-old chicks, but it puts the fount up where the chicks cannot wade in

the	saucer.	eh
No.	1365-G—Glass Pan\$	
	167-G—Galvanized Pan	
No.	167-T—Charcoal Tin Pan	.13



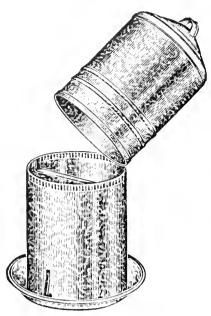


## Mason Jar Holder

This holder is so constructed that it will clamp around a Mason Jar and it may be adjusted either up or down to fit either earthenware or aluminum pan for buttermilk feeding.

#### Holder Only.

No. 71-A-1 quart size. 30c value, each\_\_\_\_\$ .15 No. 71-B $-\frac{1}{2}$  Gal. size. 30c value, each\_\_\_\_\_ .15



# Dandy Double Wall Fountain

This new double wall fountain is top filled. Double wall tam is top filled. Double Wall helps to keep water cool in summer and retards freezing in winter; operated on the vacuum principle. No corks or valves. Easy to fill or clean; just lift off the outer can by the convenient handle. Outer can locks to inner can so it may be carried by handle when filled. when filled.

Die-drawn modernistic top slopes sharply to prevent Drinking pan is die-drawn with roosting. Drinking seamless, seamess, die-drawn with smooth rolled edge; securely soldered to inner tan. Pan is 1½ inches deep. Clearance between tank and pan edge is 1 inch. Baby chicks

cannot drown in this pan.

**No.** 92—2-gallon size, each\_\_\_\_\_\_\_\_\$1.40 **No.** 93—3-gallon size, each\_\_\_\_\_\_\_\_\_\_1.70

## Double Wall E-Z Fill Fountain

This extra heavy durable fountain is one of the most popular in our line. The heavy bail makes it convenient to carry water in the outer tank; bail is held up out of the drinking pan when waterer is not in use.

Inner tank has handle: this

Inner tank has handle: this Inner tank has handle; this part of the fountain may be used to carry water also. When the outer tank slides into place, it pushes in a spring lever that releases the water which is held at the proper level of the trough through the vacuum principle. Valve closes when outer tank is removed so that drinking pan does not overflow when filled

flow when filled.

Tanks are heavy 26 gauge and drinking pan is 24 gauge seamless, die-drawn with smooth curled edge.

No. 31—3-gallon size, each\_\_\_\_\_\_\_\$2.30 No. 32—5-gallon size, each\_\_\_\_\_\_\_\_\_3.00

## Adjustable Float Valve

This Simple Valve SOLVES the Watering Problem



At last, a trouble-proof water valve that works automatically! It is so simple in design, so perfect in operation you will marvel you did not think of it yourself. Easy to attach—nothing to get out of order. A hollow metal float rests on the surface of the water, and as level rises and water, and as level rises and falls, the valve automatically closes and opens. This insures a constant supply of pure,

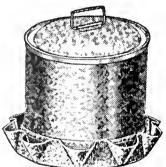
clean drinking water—a vital factor in successful poultry and small stock raising.

No. 904—Each\_\_\_\_\_\$ .90

## Oakes Snap-On Fount

Made from heavy galvanized iron in two pieces. Top made with handle for carrying. Base pulls off to fill. Pressure of air and grooves in pan hold weight of water and fountain may be carried by handle without fear of spilling.

No. 100B—1 gallon; shipping weight 4 lbs., each\_\_\_\_\$ .55 No. 100C—2 gallons; shipping weight 6 lbs., each----



**SPAGNUM MOSS** Used for hanging baskets of packing plants or bulbs for shipping purposes. Lb., 30c

## Cone Top Snap-on Fount

Made of heavy gauge galvanized steel, all seams soldered water tight. Tank snaps onto pan on three metal clips fastened to pan holding tank in place by friction. Drinking space one inch wide all around pan. Depth of pan 1½ inches. Small chicks cannot get into water and drown.

No. 81-1-gallon size, each\_\_\_\$ .70 No. 82-2-gallon size, each\_\_\_\_ .90

## **Gro-Fast Feeder**



chicks of all ages—from day old to broiler size. A wonderful all purpose feeder. The truogh is heavy gauge galvanized steel with spot-welded ends. Flaring sides increase feed conseits Smooth double fold edges are turned in feed capacity. Smooth, double fold edges are turned in at just the right angle to prevent feed waste. Trough is 41/4 inches wide at top edge, 31/2 inches at bottom. Depth 21/4 inches.

The adjustable stand is made of heavy wire which slides up and down and is held in place by friction. The several corrugations in the end of the trough determine the different heights. Trough stays set when adjustment is made. Trough is adjustable to 6 positions; height at trough edges ranges from  $2\frac{1}{2}$  to 5 inches.

No. 233—3 feet long, each\_\_\_\_\_\_\_\_\_1.00 No. 234—4 feet long, each\_\_\_\_\_\_\_\_1.25

## Feeder for Large Flocks



Capacity with minimum expense. Lighter in weight and more sanitary thon troughs made of lumber. Wires are 4 inches apart to prevent wasting feed. The 8-foot trough has a capacity of 2 bushels, the 4-foot 1 bushel.

No. 1A—Without lid, 96-inch\_\_\_\_\_\_\$2.40 No. 4A—Without lid, 48-inch\_\_\_\_\_\_\_1.40

## Oakes Mammoth Round Feed Hopper

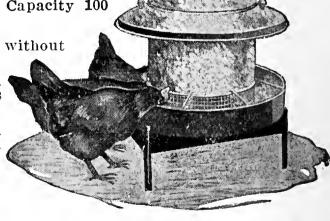
A compact, convenient hopper for feeding dry mash to large flocks. Round shape accommodates more fowls with less fighting and less muss. Seam-less steel trough, 22 inches in diameter, 3½ inches deep, divided by partitions to prevent waste of feed. Capacity 100 pounds.

No. 10—65 qt., without stand \$5.00.

No. 11—65 qt. with stand as shown\_\_\_\$6.00.

No. 510-36 qt. without stand \$3.00.

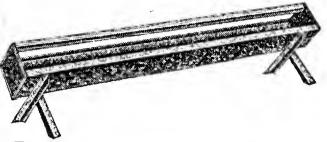
No. 511-36 qt. without stand \$2.50.



All poultry supplies are quoted f.o.b. San Antonio. If you desire same sent by parcel post, kindly include postage with your order.

## Floor Type V-Bottom Feeder

This sturdy, sanitary floor type feeder has been thoroughly tried and tested in the houses of our foremost breeders. The revolving weed guard prevents birds from



roosting on top. The trough is 5 inches deep and 8 inches wide at the top.

No. V-5-60 inches long, each\_\_\_\_\_\$1.80

## Improved Handy Hopper

Hinged lid keeps out rats, mice and dirt. Swinging front, adjustable to any kind or dry mash, eliminates clogging. Hopper 15 inches high, 4½ inches wide, and made in four lengths.

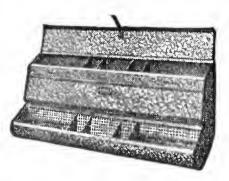
No. 12—Length 12 in., each\_\_\_\_\_\$1.35 No. 13—Length 18 in.,

each\_\_\_\_\_\_1.90

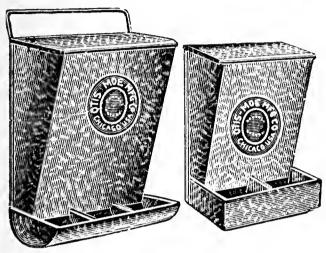
No. 14—Length 24 in.,

each\_\_\_\_\_ 2.15

No. 15—Five compartments, length 36 inches, each\_\_\$3.00



## Grit and Shell Boxes

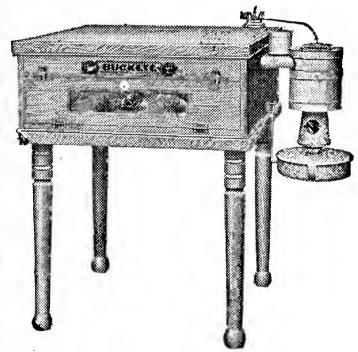


Grit, shell and charcoal have now become recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks.

No.	45—For	baby chicks,	each\$.45
No.	73—For	baby chicks,	each85
No.	46-For	grown birds,	each 1.10
		Shipping	weight, 3 lbs.

## **Buckeye Incubators**

Buckeye "Standard" No. 3



Buckeye Incubators are the result of over 35 years of study and experiment. There are no other incubators like them. Buckeye "Standard" Incubators are made with double-thick case; heat insulating is practically perfect; the hot water circulating tank is pure copper, it will never rust or corrode. The automatic regulator assures uniform temperature at all times without any attention whatever. The lamp is supplied with either an oil or gas burner—each one sufficient, economical in operation, dependable and fire-proof. Buckeye "Style E" Incubators are a little more simply constructed and a little less expensive in price—but they contain all the essential features of the Buckeye design.

#### Capacities and Weights

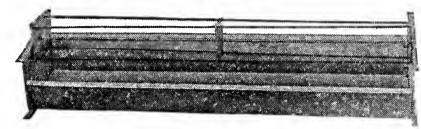
#### "Standard"

No. 2—175 eggs, 135 lbs., \$35.00 value\_\_\_\_\_ 22.50

"Style E"

No. 14— 65 eggs, 55 lbs., \$16.50 value\_\_\_\_\_ 12.50

## Oakes' New Feed Trough for Large Flocks



This feeder has a revolving reel of galvanized strips to prevent hens from getting into trough and scratching feed out. Easy to clean. Four foot length holds 1 bushel of dry mash. Eight foot length holds 2 bushels.

No. 26—48-inch, each\_\_\_\_\_\_\_\$1.75 No. 27—96-inch, each\_\_\_\_\_\_\_\_\_\_3.00

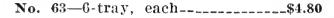


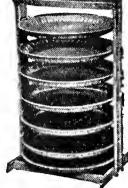
## Spray Pump Repairs

We maintain a Repair Department for the repairing of Spray Pumps. Stocking a complete line of repair parts for Hudson and E. C. Brown Spray Pumps. Mail or bring in your pump for repairing.

## Oakes' "Sun-Lite" **Oats Sprouter**

Made of galvanized iron, each 18inch perforated pan or tray can be removed separately. No lamp or fuel required. Put in the oats, moisten a little daily and in three or four days you can feed sprouts.





## Oakes' Egg Scales



In many localities eggs are now being bought and sold according to weight. Indiana has been using 22 ounces to the dozen eggs; just right for our No. F-53, while No. F-54 will fit any standard. Oakes' Egg Scales are durable (constructed of steel) and simple; no springs -nothing to get out of order.

No. 55—Oakes' Graduated Egg Scale, each\_\_\_\_\_\$ .50



## No. 20S Egg Scale

A real egg scale; accurate, dependable and fast. New angle dial is easy to read whether seated or standing. Individual egg weight and weight per dozen are indicated on the double dial. Dial is black with figures in white. Easy to read in candling room. Adjustable stop can be set for grading eggs of any

weight. Egg cup, lever parts and counterweight are chromium plated. Bearing pins are brass. No danger of working parts rusting and affecting accuracy of scale. Base and dial support are attractively finished in Red Duco. Scale base 6¼x3¼; height 6¼ inches.

No. 20S—Egg Scale with adjustable stop\_\_\_\_\_\$1.60

## Oakes' Poultry Punch



A popular and practical punch. Makes a clean perforation and does not bruise the foot.

No. 38—Oakes' Punch, each, 2 oz.\_\_\_\_\_\$0.20

## Moe's Ideal Poultry Punch

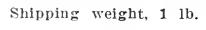


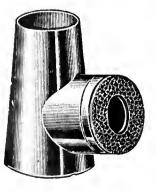
A new improved punch. Works easily, cuts clean, and does not pinch the foot. Length 31/2 in. Nickel plated.

No. 39-Moe's Ideal Punch;

## Oakes' Egg Tester

K-131—Used to test fertility of eggs during first week of incubation. Use on an ordinary lamp No. 2 burner, in a dark room. It will illuminate interior of egg so that you will know if the chick is alive. Also shows size of air cell. Each 25c.





## LEG BANDS FOR POULTRY

## \*Bandettes

Bandettes are easily applied single-handed, simply open out Bandette, hook it on leg, and allow it to close around the bird's leg; should not fit

Bandettes are made in 5 colors: blue, red, yellow, green and pink.
Two sizes: No. 9 for Leghorns,
and No. 11 for Rocks, Reds, etc.
Bandettes are sold in unbroken
sets of 25 in one color: 1-25, 26-50,

51-75, 76-100, and so on.

25	 .60
50	1.10
100	 2.00
500	 9.50
1000	 18.00

## \*Colored Leg Bands



Made of celluloid, in fast colors. Keep their shape. Light in weight and very durable. Quickly put on or removed. Put up regularly 50 bands of a size and color in a bundle. Colors: white, black, red, pink, green, blue, purple and yellow.

	50	100	1000
No. 4-For Baby Chicks	_\$0.25	\$0.40	<b>\$3.50</b>
No. 7-For Bantams		.60	5.00
No. 8-For Leghorns and Anconas-		.60	5.00
No. 11-For Large American		.75	6.00
No. 12-For Asiatic Hens		.80	$\boldsymbol{6.50}$

## \*Wing Bands





Wing Bands-Double clinch open\_\_\_\_Each 1c; 100, 75c Sealed\_\_\_\_\_\_Each 1c; 100, 850

## \*Economy Poultry Bands





Poultry Sizes. The Standard poultry sizes with two large black numbers from 1 to 100, with black ink on celluloid. Size No. 2 (for Pigeons), Size No. 3 (for Leghorn hens), 3c each. Size No. 4 (for Rhode Island Red, Plymouth Rock, and Orpington Females and Leghorn males); ½ inch wide, 2½ inches long from slot to shoulder. 3c each; 100, \$2.25. Shipping weight, 8 oz.

## Aluminum Pigeon Bands

	aluminum						
Open	 	 	Each.	lc:	100.	\$0.80	
				,	,		

## \*Moe's Aluminum Leg Bands



Made of sheet aluminum with large raised numbers. easy to read from a distance. Adjustable for any size fowl. Numbered 1 to 4999, as wanted.

	vi. rumbeled i to	1000, 45	wante	u.
12	bands\$	0.15	100	bands\$0.75
<b>25</b>	bands	.25	500	bands 3.50
50	bands	.40	1000	bands 6.00

NOTE-We can get any style leg band you desire and numbered up to 1,000; it will take from 1 to 2 weeks to fill these special orders. 25% of amount of order is required when sending in order. Mail us sample or picture of band desired if not listed in this catalog.



### Sun Hinge Burner

For Incubators or Brooders. So designed that perfect combustion is assured. Burner dome held in place by spring catch. Dome lifts for cleaning and trimming the wick. No. 3—Double Wick, 1% inches

### Incubator Lamp Wicks

Made of felt. The best wick to use 

### Egg Cooling Basket Made of Galvanized Wire

For gathering and quick cooling of eggs. The quicker the eggs can be cooled the better they will be. Clean, fresh flavored eggs always bring premium prices. Store eggs in wire cooling baskets in a room temperature

of 60 degrees for best results.

Oakes' Wire Egg Cooling Baskets have a perforated metal bottom to permit free circulation of air. This bottom protects eggs from wet litter or wet grass when the basket is used for gathering the eggs. Galvanized

wire finish does not mark the eggs.

Very sturdy and substantial. Bail, top and bottom rings are No. 6 wire.

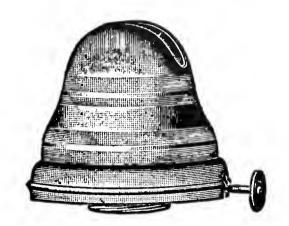
Side stays are No. 10. No weave or sway to this basket.

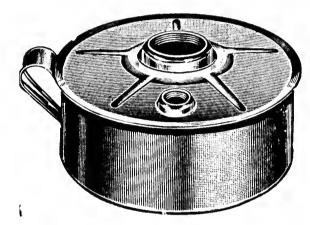
No. 15—Galvanized Egg Baskets, each\_\_\_\_\_\_\_\$.85

### Zenith Burner

The most satisfactory burner for heating poultry fountains. Requires no chimney. Delivers a large volume of heat. Flame spreader has special air passages to prevent over-heating. Top lifts off for easy cleaning or trimming of wick. Wick tube is heavy sheet brass. Made in single wick only. Each burner complete with red felt wick.

No. 2— 1/8 inch, each\_\_\_\_\_\_\$.75 No. 3—1½ inch, each\_\_\_\_\_\_1.05





### Lamp Bowls

Lamp bowls are of seamless one-piece construction. Die-drawn from heavy terne plate. Reinforced tops are doubleseamed and slope from the burner collar to the edge so that no oil can accumulate on the top even if spilled when filling. No give or spring to the top or bottom.

No. 205-No. 2 Burner size, 1 qt. capacity, each\_\_\_\_\$ .65 No. 220—No. 3 Burner size, 2 qt. capacity, each\_\_\_\_\_\_\_.30

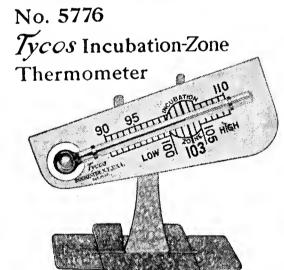
### **Tested Incubator Thermometers**

No. 5776-Incubator Thermometer—genuine "Tycos" on flexible brass legs. White figures and graduations on black finished scale. Packed 1 in box, shipping weight 6 ounces.

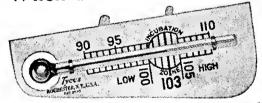
Each \_\_\_\_\_ 75c

No. 800—Incubator Thermometer mounted on porcelain stand and frame, with black engraving. Easy to read. Packed 1 in box, shipping wt. 6 ounces. Each \_\_\_\_ 75c

No. 3001-Incubator Thermometer -



When used with Stand



When used without Stand

### 100 90 80 70 60

### Brooder Thermometer

No. 5792—Genuine "Tycos" Thermometer. To be inserted through a hole in top of the brooder so bulb is in actual brooder temperature, and scale is outside for easy reading. Weight 6 oz.

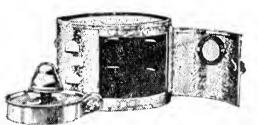
No. 54404—Brooder Thermometer—To be hung on the canopy. Each.\_\_\_\_.45 No. 125-Buckeye Brooder Thermometer. Each \_\_\_\_\_\_ 1.25

No. 741—Heavy gauge metal finished in baked enamel, guarded bulb, to be hung on canopy; each\_\_\_\_\_

### Fountain Heater

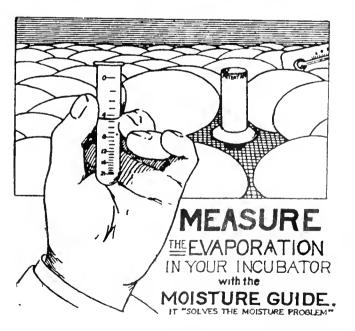
Also used as Brooder Heater

Suitable for any kind of drinking fountain and for any size up to four gallons. Insures warm drinking water at all times. Heater of galvanized iron with chimneykerosene burnerstands firmly, and fowls cannot overturn it.



No. L14, each, \$1.90

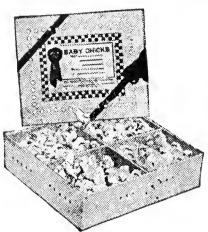
### Patterson and Young Moisture Guide



This moisture guide solves the moisture problem with your incubator. The holder is fastened to the egg tray and the guide is filled with water to the top line. The graduated scale shows how much moisture should evaporate from the egg each day. If evaporation is too fast, moisture should be added; if too slow, more air should be given. Full directions go with each guide. Attachments are included for all turning trays. Every owner of an incubator should have this moisture guide. Weight 3 oz. Each, \$1.00.

### HATCHERY SUPPLIES

### **Anderson Chick Boxes**



The Original Anderson Master Breeder Baby Chick Pullman

Light in weight yet the strongest and safest chick box made. A very attractive checkered border box with a light blue inside liner. The result of 25 years' chick box building. Approved by all Baby Chick Associations.

### REGULAR SIZE

25-chick	size.	each.		\$0	.15
50-chick	size.	each_			.20
100-chick					
T	In to	100	to	500	te

	CP CO	100 60	
Chick Size—	100	500	2000
A-100—Standard	\$0.18	\$0.16	\$0.14
A-50 —Standard	.121/2	.11	
A-25 —Standard	$.08\frac{3}{4}$	$.07\frac{1}{4}$	.061/4
HW-100-Hot Weather	.20	.18	.16
SF -100-Stickless Feed-o-box	$.19\frac{1}{4}$	$.17\frac{1}{2}$	$.15\frac{1}{2}$
0-100—Oversize	.213/4	$.193/_{4}$	$.173/_{4}$
3WK-50 Started Chick Box_	$.23\frac{1}{2}$	$.21\frac{1}{2}$	$.19\frac{1}{2}$
3F-Feeders for Started Chick	Boxes, e	ach	$02\frac{1}{2}$
	,		

### SMALL LOCAL COUNTER CHICK BOXES

L-12—12-Chick size, per	100\$1.90
L-15-15-Chick size, per	100 2.30
L-25—25-Chick size, per	100 3.05
Full freight allowed on	Chick Boxes provided shipment
weighs 100 pounds or mo	ore. Freight allowance does not
apply on Chick Box Sur	

### STAPLERS AND STAPLES

ACME No. 11—Hand Powered Stapler, holds 100 staples, automatic feed, anti-clogging device, ship-
ping weight, 9 pounds; price\$9.00
No. XX—Staples, box of 5,000
No. 61—Staples, box of 5,000
No. 700—Staples, box of 5,000 1.60
Tin Hand Staples, per box of 1,00090
Piercing Tool for use with tin or copper coated
staples, to guide the staples into the box. Each40
Master Breeder, 6-in. Redwood Sticks, per 1,000 2.60
Master Breeder Stick Glue, per 1-gallon san 1.00
Wood Wool Pads, 9x11, per 1,000 7.60
Wood Wool, per bale, per lb
Gummed Paper Tape, 2-in., per roll40



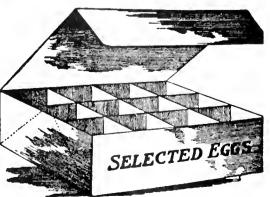
### Anderson Egg Boxes for Shipping

Made of extra heavy corrugated cardboard; built so as to stand rough handling and carry your setting eggs safely.

30
00
35
60
50
<b>50</b>
(

### Yard Egg Boxes For Retail Trade

This is an ideal box for the retail egg trade, holding 1 dozen, presenting the goods to the customer in an attractive package with the minimum amount of trouble for the seller They knock down in very compact shape.



3x4	Eagle,	weight	12 1	bs., p	er .	.100\$	1.00
3x4,	Eagle,	weight	105 I	bs., r	er 1	1000	7.50
2x6	Semino	le, weigh	it 1'	7 lbs.	, pei	100	1.50
2x6	Semino	le, weigh	it 153	5 lbs.	Der	• 1000	12.50

### Sure-Trip Trap Nest Front

The Practical Trap Nest is a profitable addition to every poultry plant, because it weeds out the drones and cuts down the feed bills for the man who wants to keep only those birds that produce. Strongly built of good lumber, as light in weight as consistent with strength and durability—with a trap that works noiselessly and surely. Each, 35c; 100, \$30.00. Weight, 1 lbs. each.

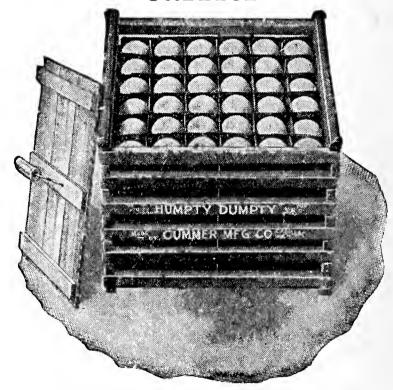


### Glass Nest Eggs

Made of white porcelain, natural in appearance, and uniform in size. Will not easily break. They induce the hen to lay where she should—in the nest.

Weight 1 lb., per dozen—————————25c

### Humpty Dumpty Egg Carrier



A very light, strong and convenient egg crate and carrier. Made of hard wood slots securely fastened. The lid with handle, springs into position when crate is filled. Collapsible, 12 dozen size. 90c; Parcel Post weight, 7 lbs.

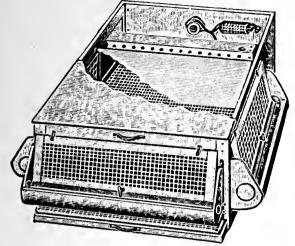
### POULTRY LITTER

In General Use by Progressive Poultrymen



This litter does away with the lack of sanitation that is usually evident in poultry houses. It is a labor-saver; prevents dampness; is absolutely sanitary, prevents the spread of disease, absorbs offen-

sive odors; keeps the birds clean; makes an ideal dust bath; keeps the house warmer in winter and cooler in summer. It is economical. Though the original cost may be slightly higher than other litters, it outlasts others two or three times and saves the labor of handling. It prevents fire because it will not blaze. It takes an intense heat even to make this litter smoulder. After being used in the poultry house, it makes a most valuable fertilizer. Many poultrymen sell their O. K. Poultry Litter manure mixture to gardeners, florists and nurserymen at a high price. It does not injure the birds if eaten. One bale will cover 240 square feet with 1-inch of litter. Bales weight approximately 140 pounds. \$3.00 per bale, f.o.b., San Antonio, Texas.



### Oakes "Gro-Ezy" Electric Brooders

This sturdy product embodies many of the best features to be found in any Battery Brooder. It is substantially built. Mounted on casters for portability. Each drawer or shelf is a separate independent unit and can be used out-

side the portable rack.

Each drawer slides out of the frame as a complete unit. The woven wire floor of ½-inch mesh is finished in bright tin. This floor is not to be compared with the dingy hardware cloth ordinarily used. Droppings cannot catch and hold on wire intersections. A deep dropping pan is just underneath the floor with 1½ inches of clearance. Pan is easily removed.

The chicks eat from open troughs. Every chick has a chance to get its fill.

A chick will go to an open troughs. Every chick has a chance to get its fill. A chick will go to an open trough every time in preference to eating or drinking through holes or between wires, or bars. In each "Gro-Ezy" drawer there are two 20-inch feed troughs and one 20-inch water trough. These troughs are open their entire length. The feed is easily accessible and yet the chicks cannot get into it or foul it.

Chicks always see the feed but no feed is wasted. Doors lift up and drop into slots in the ends of the trough providing an adjustment of the feeding

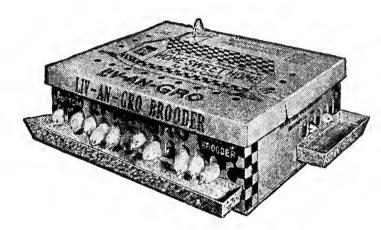
into slots in the ends of the trough, providing an adjustment of the feeding space from ½ inch to 1½ inches in width. This is ample room for chicks from a day old to ten weeks old. Each drawer is 35 inches deep, 22½ inches wide, and 9½ inches high. Chicks can be carried to 8 weeks.

The lid is removable. Canvas curtain is attached to lid and divides the drawer into two parts. Electric heating elements and Thermostatic Control are attached to back panel behind the canvas curtain.

No. 801—Drawer only; complete with heating element, automatic thermostatic control and plug socket,

### Liv-an-Gro Brooder

These brooders are built to raise a small flock of chicks of not more than 50. Where a person does not desire to go to a great expense for brooder when they only wish to raise a small flock. Side walls and top are constructed of heavy corrugated cardboard with a smooth finish. Bottom is made of hardware cloth so that chicks are kept off the floor and creates a sanitary condition. Brooders come equipped with water and feed trough. May be heated with charcoal or electric autrent. current. If you have electric current, advise the electric heat. This brooder comes equipped with a complete drop with 8 foot of cord. Size of brooder is 18x22x6. Kindly specify kind of heat desired when ordering, charcoal or electric.



### **Brooder Wicks**

Buckeye	Kerogas	No.	20\$	.25
			45	

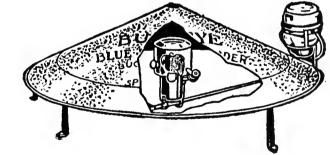
### **Charcoal Sticks**

For Liv-an-Gro Brooders 

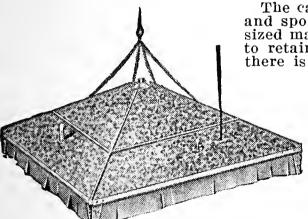
Buckeye "Colony" Brooders Raise Every Available Chick
The Buckeye Oil-Burning Brooder has the new improved Burner

that gives the maximum amount of heat with the minimum consumption of oil. It is a wick burner and the oil is fed by gravity. Buckeye is self-feeding and self-regulating; it doesn't clog, it doesn't flare up; it doesn't go out. Can be safely operated on any floor. Has "Diafram" Heat Conveyor, so attached to the canopy that it insures the radiation of heat to the very outside of the brooding area.





### Oakes' New and Improved Electric Brooders



The canopy and legs are made of high quality galvanized steel of four pieces bolted and spot-welded together. The 32-inch canopy will support the weight of an average-sized man. Top is lined with asbestos and has Celotex deck above the heating element to retain the heat, in the 32 and 42-inch sizes. In addition to the Celotex insulation there is a metal heat deflector which distributes the heat.

Ventilation is provided through a series of draft chutes located above the heating element.

Each broader is equipped with special Wafer thermostat and electric cut-

Each brooder is equipped with special Wafer thermostat and electric cut-off switch provides automatic regulation of the heat at all time. Special thermometer, 8 feet of drop cord, curtains, and pilot light furnished as regular equipment with all brooders.

No.	722—22-in.	Brooder	complete,	75	chick	9.00 13.50
No.	742-42-in	Brooder	complete.	250	chickchickchick	17.50
No.	752—52-111.	rooder.	complete,	909	CHICK	72100

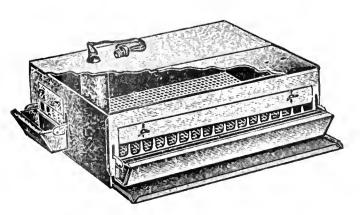
Automatic Heat Control - No Attention Required

### Happy Chick Metal Box Brooder

For 50-day-old chicks—18x22x6 inches inside. Hardware cloth floor, Two-foot electric cord. Adjustable holes over drop pan removable. troughs. Hardware cloth floor has 2 cross wire supports. Dropping pan pulls out front. Feeder trough extends across front. Water trough at rear, left. Adjustable slides control openings through which chicks eat and drink. Lid in two sections. Well ventilated. Electric bulb NOT FURNISHED.

No. 375-Metal Box Brooder, 1 in carton, 15 lbs., each\_\_\_\_\_\$2.75

Protect tender young plants with HOTKAPS. Shield your plants from frost and wind. Full description and prices on page 20 of this catalog.



### \*Oakes' Outfit for Home-Made Electric Brooder

Now you can make your own Electric Brooder at very small cost. Simply use the Oakes' outfit illustrated below in connection with a wooden tub, half barrel or wooden box and you'll have a thoroughly dependable electric brooder at a very economical cost. Outfit consists of heater complete with legs and 8 feet of drop cord with detachable plug. We do not furnish tub shown in illustration. Works on 110 volt A.C. or D.C.

### Oakes' Blue-Flame Oil Burning Brooder

Giant 5-inch Burner, Automatic Heat Control, Heat Equalizer, Rigid Burner and Oil Reservoir are a few of the many outstanding features of Oakes Blue Flame Brooders. The most completely trouble-free brooder of its type on the market.

GIANT RIGID BURNER The 5-inch Burner produces an abundance of heat. Self-centering chimney drops right into place. No smoky flames as result of misplaced chimney. Burner and Oil Reservoir are rigidly mounted in metal housing. Burner is always level. Does not tilt. Perfect combustion results. Flame is always even on all sides. No raising or lowering of burner. Can't get out of adjustment. No rocking of fuel reservoir. It's rigid and stays put.



AUTOMATIC HEAT CONTROL Fuel feed to burner is controlled by a simple, positive Brass Wafer. The thermostat opens and closes the needle valve by lever action. As the temparture rises the flow of oil in burner is reduced by expansion of thermostat which closes the valve. If it turns colder, the valve is opened. Valve body of brass with small by-pass to allow sufficient flow of oil to keep burner from going out from going out.

HEAT EQUALIZER Patented heat equalizer fits burner collar below flame level. This spreads and equalizes the heat so that chicks can hover near the burner in comfort. No hot spot at center of canopy. Heat is delivered to edge of canopy. Iess than 5 degrees difference in temperature at burner and canopy edge. Broods more chicks.

Oil Brooders without this feature require an intense heat at the burner (150 degrees or more) to produce a tem-

perature of 90 degrees at edge of canopy.

CANOPY—Heavy gauge galvanized steel canopy, hexagon shaped. Very rigid and substantial. Ventilator in top plus heat equalizer prevents pocketing of heat in peak of canopy.

Thermostat located at edge of canopy. Controls heat at point and insures a comfortable brooding temperature. Oakes Blue Flame Oil Brooders are the greatest value ever offered in this type. Burn less fuel, produce controlled heat and brood more chicks. The real brooder value of the year.

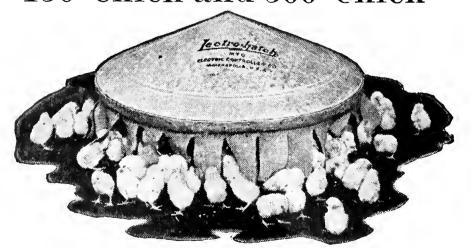
No. 832—32-in. canopy, no heat equalizer;	shipping weight $39\frac{1}{2}$ lbs	\$12.15
No. 842-42-inch canopy, shipping weight	411/ <sub>4</sub> lbs	19 75
No. 852-52-inch canopy, shipping weight	$43\frac{72}{2}$ lbs	13.50
11, 11, 11, 11, 11, 11, 11, 11, 11, 11,	72	10.00

*Buckeye Electric Brooder	No. 91	No. 92
Chick capacity	100	200
Did motor of canopy and a constant a	.50 111	46 in.
Price	\$12.50	\$17.50
	Ψ14.00	φ11.00

### \* Lectro-hatch Electric Brooders

The Lectro-hatch Brooder has the same principle of reliable heat and automatic temperature control as the Lectro-hatch Incubator. Night or day the temperature in your brooder never varies. There are no ups or downs—no frozen or roasted chicks. Chicks breathe free, pure air all the time. Pure air, unchanging heat and no crowding will prevent a big part of your usual chick losses. Lectro-hatch Brooders are strongly built of heavy galvanized metal with heavy felt curtain—sturdy heavy galvanized metal, with heavy felt curtain—sturdy attractive, efficient and durable.

### Made in Two Popular Sizes 150-Chick and 500-Chick



IT'S ALL BROODER-NO LAMP, NO STOVE! 150 Chick size\_\_\_\_ (28 inch diameter) 500 Chick size\_\_\_\_

(40 inch diameter)

### Oakes' "Economy" Hover

LAMP-HEATED

Simple in construction, made of steel throughout, and durable. Can be lifted by its two handles without disturbing the lamp and used anywhere with perfect safety as it stands on a level floor; no platform or other preparation necessary. Only a small flame is required, as the lamp is inside and no heat is lost. The cur-tain is double and made of outing flannel.



No. K-102—18-in. drum, 50 to 75 chicks\_\_\_\_\_\$5.40 No. K-103—22-in. drum, 100 to 125 chicks\_\_\_\_\_\_8.10

### Stoneware For Rabbits and Poultry

	Eac
1 gallon Water Jug	\$0.
2 gallon 2-piece Fount	
1 gallon 2-piece Buttermilk Fount	
2 gallon 2-piece Buttermilk Fount	
1 gallon 1-piece Non-Splash Buttermilk For	int
Round Open Crock for Rabbits	
Round Crock with Lip for Rabbits	

### McCLELLAN'S RABBIT REMEDIES

(See page 39)

### Oakes "No-Cold" Oil Brooder

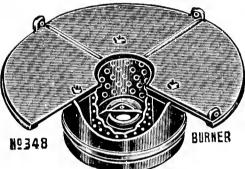
### 12 Oustanding Features:

- Burns Kerosene or Distillate.
- Big Heater Drum 22¾" diameter.
- Drum is 7¾" deep. Well baffled. Almost 7 ft. flame travel in Drum.
- Automatic Thermostat Regulator.
- Efficient AIR-FED Burner.
- Automatic Draft Equalizer.
- Fuel Reservoir, 6-gallon capacity.
- Safety Overflow Pipe.
- Safety Wire Guard around Burner. 10.
- Cast Iron Legs on Stove.
- 12. Low Fuel Consumption.

Heavy gauge heater drum 22¾ inch diameter by 7¾ inches deep in natural blue steel finish. Bafbled to provide 7 feet of flame travel for heat radiation. Galvanized steel deflector top rests on top of drum with 2 inch clearance for air circulation and insulation. Hexagonal canopy made of die stamped sections bolted together.

### Air Fed Burner

Cut-away section shown at right. Perforated central section feeds a continuous stream of fresh air to the burner. Has extra deep oil well with heavy cast steel generat-ing plate. This AIR-FED burner provides perfect combustion conditions so that minimum of soot or carbon accumulates. burns kerosene or distillate; easy to keep clean.



No. 348—Canopy, 42-inch from side to side; 500 chick capacity; shipping weight 70 lbs.\_\_\_\_\_\_\_\$20.00 No. 360—Canopy, 52-inch from side to side; 750 chick capacity; shipping weight 80 lbs.\_\_\_\_\_\_\_22.00

Formaldehyde
Used to disinfect incubators and to control seed-borne diseases on certain sorghums and seed potatoes.

Pints\$0.	35 ½	Gallon	 31.20
Quarts	65 1	Gallon	 2.25



### COCCIDIOSIS REMEDY

Stops Losses Now!

Dead Chicks Lose You Money

S-P Coccidiosis Remedy Will Keep

Them Alive

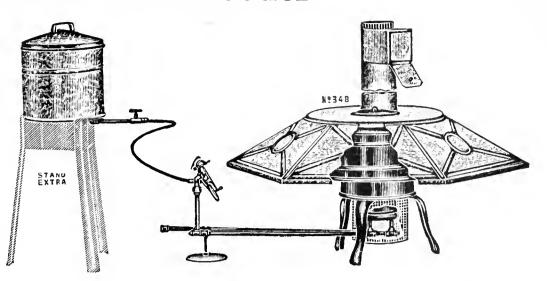
Given in the drinking water. No starving of birds—no inconvenience. Easy to apply, is an excellent preventive. One box treats 100 to 125 chicks. Simply dissolve in the water.

Price per box, postpaid\_\_\_\_\_\$1.00\*

### \*Lactic

### A Pure Edible Lactic Acid

LACTIC gives the handler of live poultry all the active appetizing, digestive and medicinal principles of Buttermilk in a concentrated form, free from all objectionable features of buttermilk. One 6-ounce bottle of LACTIC contains the equivalent of the lactic acid of 30 gallons of buttermilk. 6-oz. bottle 50c.



### **Automatic Regulator**

Heat is automatically regulated by flow of oil. Patented sight drip shows rapidity of oil flow. Convenient in adjusting. Positive fast and slow feed adjusting screws at top of regulator. Wafer thermostat controls temperature once adjusted. Spring valve has special seat; cannot stick.

### **Each Stove Complete**

EACH STOVE assembly comes complete with cast iron legs, 6-gallon fuel supply tank, automatic thermostat control, necessary copper tubing, globe valve for fuel tank, fuel pipe support, canopy, heat deflector top, draft equalizer, overflow pipe and 4-inch fuel supply pipe with all necessary fittings. FUEL TANK STAND EXTRA. TWO canopy sizes. Canopy dimensions from flat side to flat side. From point to point, measure 6 inches more.

\*Carbolineum is a pure, unadulterated high boiling anthracene oil-a carbolineum of the highest grade—meeting Uncle Sam's requirements in every respect and it is SURE DEATH TO MITES AND BLUE BUGS.

Can be applied with a brush like paint, or sprayed on as preferred. It should not be applied to the chickens. One gallon will go over an ordinary chicken house, size 8x12. 1/4 gal. 50c; 1/2 gal. 90c; 1 gal. \$1.50;



Super-ol

Kills chicken mites, fowl ticks or "Blue Bugs". A dependable preservative. against rot and premature decay. Protects wood from destruction by white ants (Termites). practically every kind of farm building, it may be used as a paint. It is less expensive than paint, easy to apply and prevents decay. 1 gallon, \$1.75.

### Sodium Fluoride

A preparation highly recommended by the U.S. Government for the control of poultry lice. Also a splendid item for roach control. May be used as a dip or dust. Lb. 30c.

### Non-Parasitic Diseases

Just as animals get deficiency diseases from lack of vitamins, plants suffer various diseases from lack of proper nutrition. Plants cannot change their location at will and are therefore more at the mercy of locally unfavorable conditions than are animals. Too high or too low temperature, too much or too little light, too much or too little moisture in the soil, excess or lack of some chemicals in the soil, mechanical injury by wind or hail -these and many other mal-adjustments between plant and environment may cause plant disease even when no parasite is present.

### McCLELLAN'S REMEDIES

### Disinfectant Dip

(2 to 3 Co-efficient)

McClellan's Disinfectant Dip is an efficient disinfectant, germicide, insecticide and antiseptic, recommended as a disinfectant for poultry houses, kennels, barns, pet stock quarters and for household



uses.	Can	be	diluted	with	water
or oil.					
8-ound	e bo	ttle.			\$ .30
Quart	can.				.60
1/2-gal	. can				90
1-gal	. can				1.60
5-gal	. can		<b>-</b>		6.50

### Red Mite and Lice Killer

McClellan's Liquid Lice and Mite Killer is to be used on the fowls or in the poultry houses to aid in killing certain lice and mites. Kills by contact.

Quart ca	n	30.40
½-gallon	can	.60
1-gallon	can	1.05
5-gallon	can	4.25

### McClellan's Pineasan

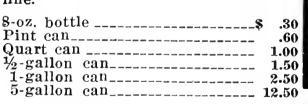
(A Soluble Pine Oil Deodorant)

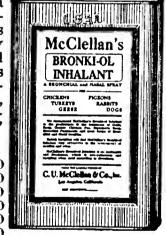
McClellan's Pineasan is a very high deodorant and cleaner. To be used in hospitals, jails, schools, hotels, kennels, stables, ranches, etc. To be used where a creosote disinfectant cannot be used. McClellan's Pineasan can be used in the scrub water as a cleaner.

Pint can	0.45
Quart can	.60
½-gallan can	1.00
1-gallon can	1.80
5-gallon can	8.50
9 8 4 - 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3.00

### McClellan's Bronki-ol Inhalant (FOR POULTRY AND RABBITS)

McClellan's Bronki-Ol Inhalant. when used as a nasal spray, is a cooling, soothing, beneficial thera-peutic for throat and nostrils. It is being used continuously by many of the leading chicken, turkey and rabbit raisers in the United States and Canada, and has become established as one of the most popular, efficient and satisfactory preparations of the well known "McClellan"





### STOP CANNIBALISM In Baby Chicks With

McClellan's Toe Pick

McClellan's Toe Pick is manufactured for controlling and overcoming the vicious habit of toe, wing and vent picking of chicks. It is also soothing and healing.

### Sodium Floride Lice Powder



(FOR POULTRY) McClellan's Compound Sodium Fluoride Lice Powder is a very high grade preparation made for dusting fowls. Unequalled insofar as efficiency in killing and eradicating lice on poultry is concerned. 15 -oz. pkg.\_\_\_\_\_\_**\$0.25** 2½-1b. pkg.\_\_\_\_\_\_.50

### Ant Powder

McClellan's Ant Powder repels and kills all varieties of household ants.

### McClellan's Sept-A-Soil

(An Iodized and Cresylated Disinfectant)

For spraying over soil, dirt, ground and all premises which have been used by infected or unhealthy poultry or stock. 1-Gallon can\_\_\_\_\_\$1.50



McClellan's Poultry Prescription

McCLELLAN'S LIQUID CREXA-FOWL POULTRY TONIC—McClellan's Liquid Crexafowl is a scientific mineral conditioner for poultry, ducks, turkeys, geese and young fowl, especially indicated for baby chicks as well as an excellent fattener for use by feeding stations. A splendid stimulating conditions tioner for moulting hens. Makes hens. lay and pay.

McCLELLAN'S

CREXAFOWL POULTRY

-POWDER-A Conditioner for Poultry. Ducks, Turkeys and Geese

A HELP TO POULTRY

C. U. McCLELLAN & CO., Inc.

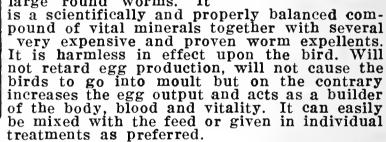
C PRODUM	CO	8-oz. bot	tle	 \$0.30
		16-oz. bot	tle	 .50
		Quart bo	ttle	 .75
		J/a = U a H A B	DOLLID	
allon	bottle			 2.50
allon	hottle			 9.00

McCLELLAN'S CREXAFOWL POULTRY POWDER — Is compounded for the same purpose as Crexafowl Liquid. but put up in powder form.

$1\frac{1}{2}$	Lb	80.30
5	Lb	.60
12	Lb	1.25
30	Lb.—Galvanized pail	
100	Lb.—Barrel	7.50

McCLELLAN'S POULTRY PRE-SCRIPTION 999—Tonic and Worm Powder—An efficient and very suc-

cessful flock treatment for internal parasites, such as tapeworms and large round worms. It



4 - 0Z	pkg	80.40
12 -07	pkg	.75
11/ 1b	ph.b.	1 05
1/2-10.	pkg	1.25
3 -1b.	pkg	2.25
5 -lh.	pkg	3.25
0 10.	P-8	01.00

### McClellan's N. I. (Nox Infecto) (Sodium Hypochlorite Solution)

McClellan's N. I. is a sodium hypochlorite solution. It is a nonpoisonous but powerful sterilizer, deodorant, disinfectant and antiseptic, recommended for hospitals, dairies, schools, depots, bottling plants, poultry ranches.

Great household purifier, cleanser, deodorant germ destroyer.

Non-poisonous, colorless, leaves no odor. Circular on request.

12-oz.	bottle	<b>\$0.2</b> 5
1-qt.	bottle	.45
1-gal.	bottle	1.60
5-gal.	bottle	7.75

### McCLELLAN'S



Disinfectant Bleacher Deodorant

> Purifier Antiseptic

Sodium Hypochiorite......5.62 Inert Ingredients......94.38 Total 100% 100.00

From the Laboratories of

### C.U.McCLELLANCORP. LOS ANGELES, CALIFORNIA

NET CONTENTS\_

POULTRY FLOCKS should always have a good pasture available. We have many items of seed that make an ideal pasture, such as Chicken Lettuce, Rape, Alfalfa and many grains.

DR.LEGEARS

NICOTINE KAMALA

-PILLS

### McClellan's Rabbit Remedies

McCLELLAN'S CANKER-RAB (Formerly McClellan's Rabbit Ear Canker Remedy—For ear canker in rabbits and furred animals. 2-oz. bottle 50c.

McCLELLAN'S RABBIT BOWEL CONDITIONER (Formerly Rabbit Diarrhoea Remedy)-2-oz. bottle 50c.

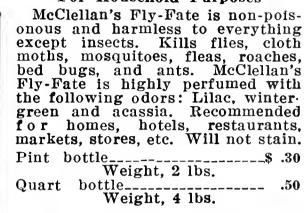
McCLELLAN'S LARGE ROUND WORM EMULSION AND CONDITIONER—2-oz. bottle 50c.

McCLELLAN'S RABBIT COLD PREPARATION—See Bronki-ol Inhalant, page 38.

McCLELLAN'S RABBIT SNUFFLE PREPARATION— See Bronki-ol Inhalant, page 38.

### McClellan's Fly Fate

For Household Purposes



McCLELLAN'S UDDER BALM-Soothing, penetrating ointment for many affections of the bag, such as Bunches, Caked Bags, Cuts, Sore Teats, Chapping

and Inflammation. 10-oz. cans 60c.

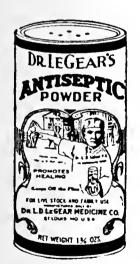
### McClellan's Dog Shampoo

McClellan's Dog Shampoo

### \*McClellan's Flea Powder

McClellan's Flea Powder is entirely different from all other flea powders on the market for the reason we have perfumed it with a very delicate perfume so after using on the animals it will leave a very pleasant odor instead of the smell of disagreeable chemicals as most all other flea powders leave. We have also used every precaution in selecting a powder that would be non-injurious to the animals as most dogs and cats clean themselves often. 3-oz. cans 30c.

### Dr. LeGear's Remedies



1.SAU

McClellan's FLY-FATE

C.U.McClellan & Co., Inc.

### LeGear's Gall Salve

Recommended for sore backs, caused by collars and saddle galls, scratches, sore teats on cows, and minor sores on live stock. Keeps sore softened and you can continue working the horse while using Dr. LeGear's Gall Salve. 2-oz. can 30c.

### Antiseptic Powder

Promotes Healing—It is an excellent antiseptic preparation for treating cuts and sores, barbed wire cuts, saddle.

harness and collar galls. Keeps off flies. For flesh wounds and abrasions, livestock breeders find LeGear's

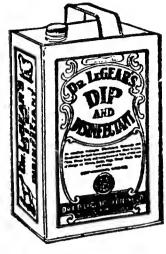
Antiseptic Powder a splendid preparation. Put up in sifter-top cans. Easy to apply—simply dust on. Small can\_\_\_\_\_\_\$ .30 Large can\_\_\_\_\_\_\_.60

### Lice Powder

For chickens, turkeys and live stock. Is a quick, easy and effective way to get rid of lice. Valuable to use in your poultry dust bath for flock treatment. It contains Sodium Fluoride, Sulphur, and Nicotine. Put up in 14-oz. handy sifter top cans. Price 25c.



### Dr. LeGear's Dip and Disinfectant



An excellent antiseptic, disinfectant, germicide and deodorant for both home and stable use. Good for lice, fleas, sheep scab, and many forms of ticks, itch and mange o nhorses, cattle hogs, sheep, goats, dogs and poultry.

Put up in 8-oz. bottle 30c; quart

65c; gallon \$1.75.

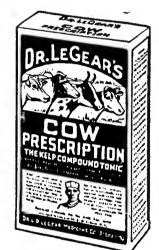
SPECIAL—Bring in your empty cans and let us fill them with LeGear's Dip and Disinfectant at \$1.25 per gallon.

LeGEAR'S NICOTINE KAMALA PILLS—(Adult Size)—An effective preparation against

large round worms and also tape worms—a very easy simple individual treatment—no fasting necessary—as the pill is to given on full crop.

Pills\_\_\_\_\_\$.75

### Dr. LeGear's Cow Prescription



DR. LeGEAR'S COW PRESCRIPTION—It is scientifically balanced to make an efficient tonic, ap and conditioner for milch appetizer heifers and calves. 2 lbs. 50c.

DR. LeGEAR'S HOG PRESCRIPTION —A tonic and conditioner. It thus aids assimilation. The advantage of this powder when fed with the slops or in a self-feeder is that it does not throw the hogs off their feed. It furnishes the suckling sows the neces-

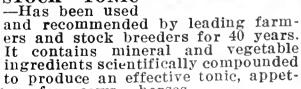
sary minerals thereby giving the pigs the right start during first 6 months of their life. A pig should have these minerals to facilitate proper growth and get him ready for the market in the fall. 25c, 50c, \$1.00 sizes; 25-lb. pkg. \$3.00.

Legear's poultry prescrip-TION—Helps to make hens lay to keep poultry health. A good general tonic and remedy for many ailments



of poultry. It is especially beneficial during the moult, in the breeding season and during the winter time. 25c, 50c and \$1 sizes; 25-lb. drum \$3; 100-lb. bag \$10.50

Dr. LeGEAR'S STOCK TONIC



izer and conditioner for cows, horses, mules, sheep and hogs. Small size pkg.\_\_\_\_\$ 

 Medium size pkg.
 .50

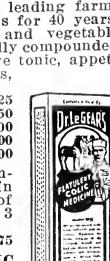
 Large size pkg.
 1.00

 25-lb. pkg.
 3.00

 100-lb. bag\_\_\_\_\_\_ 10.00

LeGEAR'S COLIC MEDICINE—Recommended for all cases of flatulent colic in livestick. You will find in the majority of cases it will relieve your horse in 2 or 3 hours. 4-oz. bottle\_\_\_\_\_\$ .75

DR. LeGEAR'S POULTRY ANTISEPTIC TABLETS—For the treatment of external swellings of roup, simple catarrh (colds) and to prevent transmitting disease from one bird to another through the drinking water. Complete directions in each package. 25 tablets, 25c; 60 tablets, 50c.



### DR. LeGEAR'S REMEDIES

### LeGear's Screw Worm Killer

A THREE-IN-ONE preparation. It not only kills Screw Worms, but keeps the flies away and promotes healing. It has a sprinkler stopper, which makes it very easy to apply, right into the wound.

2-oz. bottle 30c; 6-oz. bottle 60c.

### LeGear's Liniment

This preparation is a white penetrating liniment, and an efficient counter-irritant for sprains, bruises and muscular soreness and lameness of livestock. Also for muscular aches and pains of man. 2-oz. bottle 30c; 6-oz. bottle 60c.

### LeGear's Blister

Will be found to be an effective blistering ointment for Spavin, Splint of Curb. It will not kill the hair or blemish when used according to directions. We have hundreds of testi-

monials that it has given entire satisfaction.

Dr. LeGear's Blister is an ointment, and is easy to apply. 2-oz. bottle 75c.



An intestinal astringent. Helps chicks to get the right start! When dissolved in the drinking water it has a mild antiseptic effect on the water which is very beneficial to all baby chicks as an intestinal astringent. Cans conan intestinal astringent. tain 80 tablets, 50c.



Contains the Most Effective Ingredients Known to Modern Veterinary Science



DE LEGENES

	Tape worm Tablets	.50
	Mange Prescription	.50
	Tonic Condition Tablets	.50
	Kennel Disinfectant	.50
	Flea and Lice Powder	.25
	Flea and Shampoo Soap	.50
	Laxative Tablets	.50
	Pepsin Compound Tablets_	.50
	Special Tablets (for reduc-	•••
	ing fever)	1.00
	Nerve Sedative Tablets	1.00
	Eye Lotion	.50
1	te Tablets 50c and \$	1.00

Cod Liver Oil Concentrate Tablets\_\_\_\_\_50c and \$1.00 Round and Hook Worm Capsules for small dogs\_\_\_ .50 Round and Hook Worm Capsules for Medium-Large Dogs\_\_\_\_\_\_.50

### DR. HESS REMEDIES



### Dr. Hess Healing Powder

An Antiseptic Treatment for Open Wounds and Abrasions. For veterinary use it is a recognized remedy for galls, cuts, thrush, mud sores, burns, wire cuts, ulcers, foul in the feet, fistula, chapped teats and surface wounds of every description. It also prevents proud flesh. Being a powder, stable dirt and dust will not stick to it.

Put up in handy adjustable, siftingtop can.

4-oz. can\_\_\_\_\_\_\_.25

### Dr. Hess Udder Ointment

Especially prepared for treatment of injuries and congestion of the udder and teats. Penetrating, soothing, healing. Large handy can, 50c.

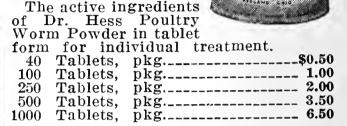


### Hess Poultry Worm Powder

A proven single-dose flock treatment for round worms. Given in mash the expulsion of worms starts in a few hours and is usually completed in from 24 to 36 hours. No fasting or laxatives required. Does not check egg pro-

$uuc\iota$				
50	Adult	Bird	size	\$0.50
			size	
			size	
			size	
1000	Adult	Bird	size	5.40

### Dr. Hess Poultry Worm Tablets



Dr. Hess

form Powde

Aprils Roundword

SINGLE DOSE

TABLETS

BOWEL ASTRINGEN

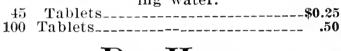
GIVEN IN THE

DRINKING WATER

### Dr. Hess Chick Tablets

For common diarrhoea, bacillary white diarrhoea, coccidiosis, or any form of

bowel trouble affecting poultry. Used as a preventive and as a treatment. Given in the drinking water.



### Dr. Hess Poultry Tablets

Of high value in treating roup; slightly stringent, non-irritating and healing. astringent,

Use as a local antiseptic and to medicate drinking water. Thus used they aid in preventing the disease. Once dissolved they remain in solution. The water needs

no further stirring. 



### Dr. Hess Fly Spray

Has the odor of the pines. Pleasant to folks, but repelling to flies and mosquitoes. Prevents the summer milk slump.

Besides being a most efficient fly repellant it is a disinfectant and deodorannt.

Will not taint the milk; will not stain or gum the hair. It is a skin cleanser. Gallon \_\_\_\_\_\$1.50





Kills nog nee sheep ticks and other animal parasites. For general disin-

fecting about stables, dairy barns, polltry houses and the household. it is standardized, always uniform in strength. Makes a milky-white emulsion.

Pints	80.35
Quarts	.60
½ Gallon	.90
1 Gallon	
5 Gallons	6.50

### **SANITATION**

PAYS BIG DIVIDENS

KEEP YOUR POULTRY HOUSES AND DAIRYBARNS FREE OF DISEASE AND VERMIN.





### Dr. Hess Poultry Panamin GEO. H. LEE REMEDIES

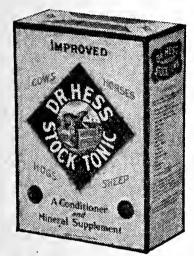
Helps make poultry healthier and to make hens lay. Not a stimulant, but a tonic that tones up the dormant organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket.

100-lb.	Drum	\$10.50
25-lb.	Pail	3.00
\ 15-lb.	Pkg	2.00
7-lb.	Pkg	1.00
3-1b.	Pkg	.50
1½-lb.	Pkg	.25

# DR.HESS POULTRY:

### Dr. Hess Stock Tonic

IMPROVED - With Minerals



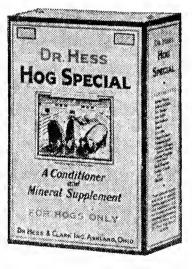
Added—A Conditioner and Worm Expeller—Promotes health, makes hogs, cows and sheep more profitable—keeps horses and mules in good condition. Rids hogs of worms, makes the runts thrive and the whole herd gain faster.

Contains tonics to whet the appetite of cows, laxatives to keep the bowels in order, diuretics for the kidneys, and the needed minerals usually lacking in ordinary rations.

### Dr. Hess Hog Special

A Splendid Conditioner and Worm Expeller for Hogs-Rids hogs of worms. Makes the runts thrive and the whole herd gain faster. Contains tonics to whet the appetite, laxatives to keep the bowels in order, diuretics for the kidneys, and needed minerals usu-ally needed in ordinary rations

any	ueeded	111	oramary	ratio	ons.
100-lb	. Drui	m		\$1	0.50
25-1b	. Pkg.				3.00
19-10	. Pkg.				2.00
7-1b	. Pkg.				1.00
3-10	. Pkg.				.50
1¼-lb	. Pkg.				.25



### Dr. Hess Louse Killer

Kills lice on poultry, horses and cattle; sheep ticks; bugs on cucumber, squash, and melon vines; slugs on rose bushes; ants. Non-poisonous; can be used in safety on edible plants. Sold in sifting-top cans. 1 -lb. Can \_\_\_\_\_\_\_\$0.25 2½-lb. Can \_\_\_\_\_\_\_.50

### Creosote Dip

15% Crude Carbolic Acid— An excellent liquid spray or paint to put on your poultry house to keep them free from all vermin.

1/4	Gallon	
1/2	Gallon	.65
1	Gallon	1.00

### Bulk Dip and Disinfectant

2 to 3 Co-efficient—Used as a disinfectant, germicide, insecticide and antiseptic for poultry houses, kennels, barns and household uses. Diluted with water or oil.

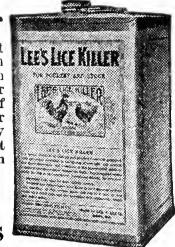
1/4	Gallon	80.45
1/2	Gallon	.75
1	Gallon	1.35
5	Gallons	6.25

### Potassium Permanganate

An excellent germicide used extensively in drinking water for poultry to keep them in healthy condition. Has a very soothing effect on the membranes and linings of chickens' throat and intestines and therefore very extensively used in curing the diseases of these tracts. Price per pound 65c.

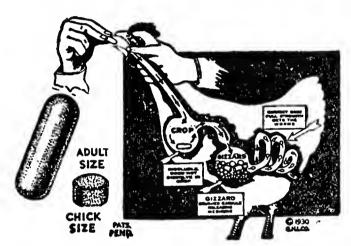
### Lee's Lice Killer

It kills by vapor and contact. It gives double service. Painted on the roost it kills insects with which it comes in contact, and the vapor arising kills lice on the bodies of the chickens as they roost over night, also the insect causing scaly leg. Not mailable. Price—Quart can, 60c; ½ gallon, 90c; gallon can, \$1.50.



### Lee's Gizzard Capsules

An insoluble capsule carrying a triple combination worm medicine for Tapeworms, Round Worms and Pin Worms. Being insoluble, it passes through the mouth, throat, crop and stomach of the fowl to the gizzard where it is ground up like a grain of corn, pouring the full strength, undiluted medicine directly into the intestines upon the worms.



50	CHICK SIZE Capsules, pkg	\$0.40	50	PULLET	<b>SIZE</b> pkg\$0.50
100	Capsules, pkg Capsules, pkg	75	100	Capsules,	pkg 1.00 pkg 4.50
1000	Capsules, pkg	<b>- 6.00</b>			pkg 8.50
	ADULT SI	ZE			

	X.I. I.		
50	Capsules,	pkg	\$0.75
<b>1</b> 00	Capsules,	pkg	1.25
500	Capsules,	pkg	5.50
1000	Capsules,	pkg	10.00

### Lee's Vapo-Spray

A combination of healing oils, is sprayed in the air in the hen house at night. Its vapor is breathed into the nasal passages, throat, windpipe and lungs and acts directly on the inflammed parts. Also recommended for hogs.

1-Qt. can\_\_\_\$0.75 ½-Gal. can\_\_\_ 1.25 1-Gal. can\_\_\_ 2.00





### Lee's Emulsion

A cough medicine for poultry and hogs; acts much the same as a cough syrup in human beings. It may be administered in water, thick slop mash, or soaked grain (soaked oats preferred).

INGREDIENTS: Oil Eucalyptus, Oil Pine Tar, Oil Anise, Beechwood Creosote, Chloroform, Camphor, Turpentine, Linseed Oil, Sodium Chloride, Water and Emulsive.

13-oz. Bottle\_\_\_\_\$1.00

TO PRODUCE BETTER MILK AND CREAM STERILIZE ALL DAIRY UTENSILS.

### SAVES TIME AND LABOR

Kills the bacteria on utensils immediately—fast working and effective.

(See page 44 for Prices)

Andread bracemakers

Dr. Saldamis

RAKOS

POULTRY



### Lee's Germozone

A most effective remedy for diseases affecting the skin and semiexterior mucuous membrane of man, fowl or beast.

For Poultry—Roup, colds, canker, chicken-pox, sore head, swelled head, cholera, bowel trouble, etc.

For Stock—Cuts, sores, wounds, sore eyes or mouth, saddle or harness galls swelling skin diseases, etc.

		at	
12	oz.	at	.75
Qu	art	size	1.50
1/2	Ga	llon	2.50
Ğa.	llon		4.50

### Lee's Pickpaste

Lee's Pickpaste is manufactured for controlling and overcoming the vicious habit of toe, wing and vent picking of chicks. It is also soothing and healing.

2-oz. Tube\_\_\_\_\_\_\_\$0.25

### Lee's Nasal Syringe

In swelled head and other very serious diseases of this type, the upper air passages of the head become filled with mucus. Medicine, to be effective, must come in direct contact with the affected membrane lining.

With this syringe the medicine is forced into the head right where it will get direct action against the disease and, at the same time, this forcing of the medicine into the nasal passages also forces the mucus out of the head. The mucus will come through the nose and eye sockets.



### Lee's Poultry Syringe

Many times in treating sick chickens it becomes necessary to give individual doses of medicine, and if the birds refuse to eat, this can only be done by the use of Lee's Poultry Syringe. Here are a few of its many uses: Individual treatment of sick chickens; individual doses of epsom salts; washing out crop with Germozone in limberneck; doses of castor oil, sweet oil, or mineral oil; feeding milk of thin gruel to sick chickens. These and many other uses for this wonderful little syringe will be found wherever poultry is raised. I oz. capacity. 25 cents (30 cents postpaid).

### DR. SALSBURY REMEDIES



### Phen-O-Sal

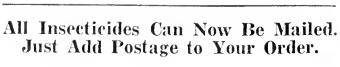
Excellent aid in the treatment of diarrhoea and coccidiosis of chicks, fowl typhoid, fowl cholera, enteritis, irritation from worms. blackhead in turkeys, also duck and goose cholera. Figure one tablet per chick as a five-day treatment.

25	Tablets	\$0.25
-50	Tablets	.50
-125	Tablets	1.00
-300	Tablets	2.00
	Tablets	
1000	Tablets	5.50

### Avi-Tone

Flock treatment for round worms, worm preventive and general tonic. For baby chicks and turkeys, growing stock and laying flocks. In powder form.

2-10.	carton	(Flocks	up	to	100)\$	.75
5-lb.	carton	(Flocks	uñ	to	$250)_{}$	1.75
15-lb.	$\operatorname{drum}$	(Flocks	up	to	$750)_{}$	4.75
25-1b.	$\operatorname{drum}$	(Flocks	up	to	1200)	7.50
50-lb.	drum	(Large F	'loc!	ks).		14.00
		-		,		





### Avi-Tabs

Wormer and tonic in tablet form. For flock treatment. For birds up to sixteen weeks figure one tablet per chick for a five-day treatment.

50	Tablets	8 .60
100	Tablets	1.00
200	Tablets	1.75
400	Tablets	3.00
1000	Tablets	7.00
1000	Tablets	7.00

### |Cam-Pho-Sal

For roup, cold, flu, gapes, bronchitis, brooder pneumonia, etc.. in fowls of all ages. Has three

times the germ killing strength of carbolic acid.

Stan a 11	Bottle	00 05	
Sman	DOULTE	,0.00	
	m Bottle	1.00	
меони	11 DOLUC	1.00	



### Rakos

A concentrated liquid antiseptic and astringent for aid in treatment of coccidiosis in chickens and turkeys of all ages. Appetizer and tonic. Pint Bottle (150-250 chicks)\_\_\_\_\_\$1.25

### Mixed Bacterin Fowl

Cholera-Typhoid Bacterin

A preventive and curative treatment against roup, colds and related diseases affecting the head of chickens and turkeys.

			eo me	
-60	Doses— 60	c.c.	bottle\$0.75	
250	Doses-250	c.c	bottle 3.00	١



# Fow Pox Vaccine Associated and the second and the

### Fowl Pox Vaccine

To prevent chicken-pox by feather follicle or stick method of vaccination. Specify chicken strain for growing stock and permanent immunity and pigeon strain for laying stock.

100-dose Pkg. \_\_\_\_\_\$0.75

Prevent Poultry Diseases by Vacinating Your Flock



Quitman Syringe—Metal (similar to cut)\_\_\_\_\_\$1.50



Rids poultry of all blood sucking lice, mites, fleas, blue bugs, cleans them of all intestinal worms and parasites. It is also a wonderful poultry tonic, blood purifier, health builder and egg producer. It contains lots of sulphur, compounded scientifically with other health building ingredients. Known remedies for preventing disease. "Prevention is cheaper than cure." Keep your flocks free of insects and intestinal worms and their system in good condition through the winter and you will get good hatchings and strong chicks in the spring. A supply to last you through the winter and spring will cost very little. Give it a six days' trial at our risk. Money back if not pleased. 50c and \$1.00 per bottle.

If You Have a Friend Who Would Be Interested in Receiving This Catalog, We would appreciate Your Sending Us Their Name So We Can Mail Them a Copy.



### Don Sung

Chinese for Egg-Laying

It is a concentrated medicine—no needless bulk or filler—ready to add to your mash feed. It has a direct tonic action on the egg-laying organs and doesn't force or hurt the hens in anyway. It produces more eggs by first putting the hen in good health, and then helping to maintain their health.

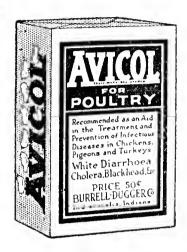
Small size, 50c; large size (3 times the 50c size) \$1.00.

### Avicol

For White Diarrhoea in Chicks, and Blackhead in Turkeys
Avicol does the work in 48 hours. Almost from the very moment you drop the first Avicol tablet in the drinking water, the sick chicks start to get well. Usually, in a short time, the very ones that seemed too weak and

sick chicks start to get well. Usually, in a short time, the very ones that seemed too weak and sick to live another day, are running around as lively as crickets, full of pep, hungry, hearty, scratching and pushing for a place at the feeding trough.

Price, 50c; special large size (almost 3 times 50c size), \$1.00.





# FOR COLDS in Poultry Group Over

Use Group-Over at the very first symptoms of Roup or colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for flock prevention.

Price 50c; large size (3 times 50c size) \$1.00.

### Talcumized Sodium Fluoride

It kills both old and young lice, including unhatched lice present at the time of treatment. Talcumized Sodium Fluoride (called "T. S. F." is made especially for poultry, use It is loss in



poultry use. It is less irritating than straight Sodium Fluoride, penetrates the plumage more thoroughly, and comes packed in a moisture-proof, shaker-top package bearing the U. S. Government's directions for using. Large size 50c; special size (5 times 70c size) \$2.00. The above prices include packing and shipping.

# Pratts, Bag Ointment

PRATT'S BAG OINTMENT\_\_\_\_\$0.50

Pratts,

### Cow Tonic

This splendid tonic is made specially for cows. It contains no filler and no antimony, arsenic or dangerous minerals. Mixed with the feed it helps the digestion, regulates the bowels, tones up the reproductive system, helps prevent abortion, costs little and pays you big profits. Absolutely guaranteed. Try it\_\_\_\_\_\_\_\$.50

### ROACHES

EXTERMINATE THEM WITH SATEX BLUE SODIUM FLUORIDE—SEE PAGE 44

### DRENCH AND DIP SHEEP

TO CONTROL WORMS, LICE, TICKS AND SCAB with



### Just Paint "Black Leaf 40"

ON ROOSTS TO CONTROL LICE ON POULTRY

1-oz. bottle	\$0.35
Covers 12 to 15 running feet of roost.	
5-oz bottle	1.00
Covers 60 to 75 running feet of roost.	
1-lb. bottle	2.25
Covers 180 to 240 running feet of roost.	
2-lb. tin	3.25
Covers 385 to 480 running feet of roost.	
5-lb. tin	5.85
Covers 900 to 1200 running feet of roost.	
10-lb. tin	10.60
Covers 1,900 to 2,400 running feet of roost.	



### Kill Roundworm While Flock Feeds

Don't waste feed on round worms—kill them. Just feed

### "Black Leaf" Worm Powder

ONCE IN MASH

Single dose does the work. Easy, economical and effective. Saves time, trouble and money. Increases production. Harmless to birds. No odor, taste or bother. We highly recommend "Black Leaf" Worm Powder. Ask for circular. 4 -oz. Pkg., 100 hen size\_\_\_\_\_\$.75 1½-lb. Pkg., 600 hen size\_\_\_\_\_\$.290

### "Gold Leaf" Tobacco Powder

### CONTROLS POULTRY ROUND WORM

Mix two pounds of "Gold Leaf" Tobacco Powder with 100 pounds of dry mash. With the large 100-lb. bag, 800 birds can be treated for about 12 cents a day, or at the rate of about 70 birds for 1 cent a day, during treatment period.

2	Lbs\$ .30	)
	Lbs 1.00	
100	Lbs 6.25	5



### Conkey's Poultry Remedies

Conkov's	Poultry Conditioner	Pkg., 25c, 50c
Convey	Duitty Conditioner	Dlan 950
Conkey's	Poultry Laxative	PKg. 250
Conkey's	Scaly Leg Remedy	Pkg. 25e
Conkey's	Gape Remedy	Pkg. 25c
Conkev's	Pills (Roup Pills)	Pkg. 1.00
Conkey's	Diatex (White Diarhoea Reme	edy)Pkg. 50c
Conkey's	Cholera RemedyPkg	. 25e, 50c, \$1.00
Conkey's	Balmo (Canker Special)	Pkg50c
Conkey's	Old Reliable Powder (Roup Re	medy)
00111100		Pkg. \$1.00, 2.25

CONKEY'S POULTRY WORMER\_\_\_\_Pkg. 25c, 50e

### Poultrymen, Dairymen, Rabbit Breeders, Farmers

### Use and Recommend

### B-K

Disinfectant — Antiseptic — Deodorant — Purifier

Because it is absolutely dependable in helping to prevent the spread of infectious diseases, and because it is so inexpensive to use.

it is so inexpensive to use. They know it is a powerful non-poisonous disinfectant, easy to apply—that has proved its efficacy as a germ killer for twenty years.

twenty years.
You, too, will find it helpful to use B-K to prevent the spread of infectious diseases. Full directions come with every bottle.

4 oz., 30c; 10 oz., 50c; 1 qt., 90c; 1 gal., \$2.00; 5 gal., \$8.50.

### B-K Powder

B-K in powder form, reduces the expense of shipping it around the country. It is of course not quite so convenient to use as in the liquid

course not quite so convenient to use as in the liquid form. Full directions for its use come with each bottle. 9 1-3 oz- bottle, 75c; 1 3-4 lb. bottle (makes 3 gallons of 3½ per cent sodium hypochlorite solution), \$1.50 each, postpaid.



### Udder Help

GENERAL

MADISON

Udder Help is the ideal allpurpose ointment for livestock. Its healing, antiseptic properties make it useful in all cases for cuts, sores, bruises, cracked or chapped teats, treating non-contagious garget.

Use freely to massage sprained or stiff muscles and joints.

8-oz. tube 50c; 1-lb. can 90c; 5-lb. can \$4.25.

### "Old Hickory" Smoked Salt

THE ORIGINAL AND ONLY GENUINE SMOKE SALT



There is only one way of getting ham, bacon and other home cured meats with genuine hickory flavor without the work and worry or tending to a smokehouse. OLD HICKORY SMOKED SALT SUGAR CURE is a perfect blending of fine salt, pure sugar, Chilean Saltpetre and genuine hickory wood smoke. It sugar cures and smokes at the same time—all in one operation—no smokehouse is needed.

THE OLD HICKORY SMOKE SALT

THE OLD HICKORY SMOKE SALT curing method is the easiest and most dependable. In half the time and with

half the labor you can cure and smoke your own meats—without the loss from smokehouse shrinkage and spoilage in the cure. The rich, natural meat juices and tasty fats are all retained and every piece of meat is cured and flavored uniformly and thoroughly—clear through to the bone.

Approved by Good Housekeeping Bureau of Foods.

2-lb. Drum\_\_\_\_\_\_\$.25 9-lb. Drum\_\_\_\_\_\_\$.90

### Martin's Screw Worm Killer

A three-in-one preparation. It not only kills Screw Worms but keeps the flies away and promotes healing. It has a sprinkler stopper, which makes it very easy to apply right into the wound.

2½-oz. Can\_\_\_\_\_\$ .25

### Peerless Screw Worm Killer

Kills the worms quickly without any bad effects on the wound and assists in healing. Sprinkler top.

4-oz. size	\$ .25
8-oz. size	
0-02. S12C	.50
Pints	1.00
Quarts	1.00
Quarts	1.50

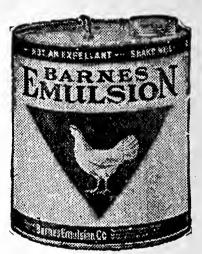
### **Barnes Emulsion**

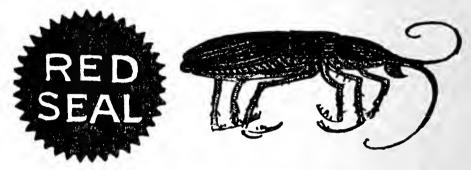
Is a positive control for poultry worms. If fed according to directions, based on the condition of your flock,

you will have no trouble getting this situation well in hand. It will be well worth your while to make a careful test on your birds of this product. No honest test of this emulsion has failed to get results. Write for booklet, "Common Sense vs. Worms" for full information. It will be sent you free of charge. Barnes Emulsion not only

Barnes Emulsion not only controls worms but builds the vitality of your poultry. Based on our nine years' experience with this product we unhesitatingly recommend it.

Quarts \_\_\_\_\_\$.75 Gallons \_\_\_\_\_\_\$2.25





RED SEAL INSECT POWDER—Odorless and non-poisonous. A guaranteed exterminator of roaches, flies, water bugs and fleas.

4-oz. Cans\_\_\_\_\_\_\_\$.40
10-oz. Cans\_\_\_\_\_\_\_\_\_\$.75

GROUND PYRETHRUM FLOWERS—Dust directly on ants, also a splendid ingredient for killing flies, mosquitoes, roaches, etc. We recommend this preparation where a powder is desired. It is very effective and most economical to use. Lb. 45c; 10 lbs. \$4.00.

BEE BRAND POWDER—For mosquitoes, roaches, flies, etc. 21/4 oz. 25c; 6 oz. 50c.

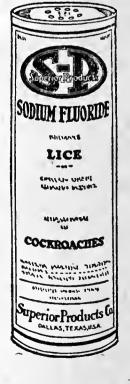


# Satex Insect Spray A RELIABLE HOUSEHOLD INSECTICIDE

### Satex Blue Sodium Fluoride

### KILLS AND CONTROLS ROACHES

Numerous practical tests conducted in lunch rooms, bakeries, homes, etc., have shown that with the use of BLUE SODIUM FLUORIDE, roaches can be completely exterminated with very little trouble and cost. With the use of some dust-gun, the Sodium Fluoride can be thoroughly dusted over the shelves of pantries, cupboards, back of sinks, under tables, back of baseboards or any runway or hiding place of the roaches. The immediate effect is to cause the insects to come out of their retreats and rush more or less blindly, showing evidence of discomfort, to be followed in the course of a few hours by their death. Sodium Fluoride acts on cockroaches both as a stomach poison and as a contact poison. 1-lb. Can 30c (40c postpaid).



### One-Rub Fleafinish

ONE-RUB FLEAFINISH is the latest discovery for the complete extermination of fleas and lice on dogs, cats or any other animal. One-Rub differs from the general run of flea powders in that it is not just another flea powder, but an absolutely guaranteed flea killer and the most economical because it only requires a small quantity on the animal's back between the shoulders rubbed in on the skin, and in less than 24 hours every flea on the animal will be dead.

ONE-RUB need only be rubbed in on the back between the shoulders to kill all fleas. For lice, powder the animal all over. ONE-RUB is not a poison and is harmless to human beings, domestic animals and poultry, but is too strong for use on canaries, as they sleep

with head under wing.

1 -oz. Sifter Top Can\_\_\_\_\_\_\$0.25 2¾-oz. Sifter Top Can\_\_\_\_\_\_.50

MILK BOTTLE CAPS-Will fit any standard milk bottle. 30c per lb.; 10 lbs. \$2.75.

BUTTER CARTONS-85c per 100, weight 3 lbs.; \$7.50

per 1,000, weight 30 lbs. BUTTER PAPER-For wrapping 1-lb. moulded but-

ter. 35c per lb.; 3 lbs., \$1.00.

FLOWERED SULPHUR—For feeding with salt, etc.
1 lb., 10c; 10 lbs., 75e; 100 lbs., \$5.00.

EPSOM SALTS—Well known cathartic. Bowel regu-

lator for stock and poultry.
1 lb. 10c; 3 lbs. 25c; 14 lbs. \$1.00; 100 lbs. \$4.50.

### Cod Liver Oil

To be used in poultry mashes. Experience has proven that Cod Liver Oil is very beneficial to poultry when mixed in fresh with mashes, but is of no value where it is mixed in and exposed to the air for a considerable length of time. 1/4 gal. 60c; 1/2 gal. \$1.10; 1 gal. \$2.00; 5 gal. \$8.50.

### Biotol

A NEW ECONOMICAL SOURCE OF VITAMIN D
Every poultryman knows the value of Vitamin D in a
well-balanced poultry ration. Even under the most
favorable conditions, it is essential for

strong bone structure and high egg production.

In BIOTOL biologically tested Vitamin D Oil, you get this new high-potency Vitamin D carrier at its very best—and at lowest possible cost.

BIOTOL is highest grade, selected sardine oil, produced by the California Packing Corporation with the same care which has made its DEL MONTE Brand Food Products

. 5 Gallons \_\_\_\_\_ 5.50

### Nux Vomica

To be mixed with poultry feed to kill hawks and rats. Will not affect poultry. Lb. 40c.

### **Nicotox**

THE NEW MODERN POULTRY AND LIVE STOCK **DELOUSER** 

You do not handle a bird. There is no powder, liquid, or grease to be rubbed in, dusted or sprayed on to every bird. Just a few strokes with a paint brush and you can easily and economically delouse your entire flock whether you have 20 or 2,000 birds. The low cost and efficiency of Bonide NICOTOX makes it true economy to "just paint the roosts" whenever the birds need it. The new modern Bonide NICOTOX method does away with the pecessity of using

with the necessity of using messy powders, ointments, dips, etc., which require tedious labor and usually interfere with egg production.

Bonide NICOTOX is a new, Sulphate improved  $\mathbf{Nicotine}$ formula, stronger and has lasting qualities superior to those of any other similar product on the market. It costs about half the price of similar prepa-

the trouble, labor and high cost out of delousing poultry, so now you cannot afford not to delouse your flocks.

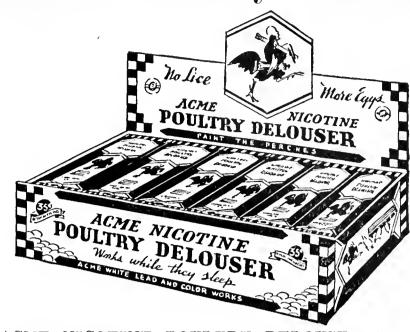
Net Wt. Prices and Sizes per can 

 ½ Pts. \$0.75—Enough to delouse
 200 hens\_\_\_\_\_10 oz.

 Pts. 1.25—Enough to delouse
 500 hens\_\_\_\_\_1½ lbs.

 Qts. 2.00—Enough to delouse
 1,000 hens\_\_\_\_\_1½ lbs.

### Nicotine Poultry Delouser



ACME NICOTINE POULTRY DELOUSER is made on a patented formula, which causes the fuming of nicotine to be retarded, making it last longer. The insects succumb to this more prolonged action as well, or better, than to a brief, powerful fumigation. Just paint on the roost.

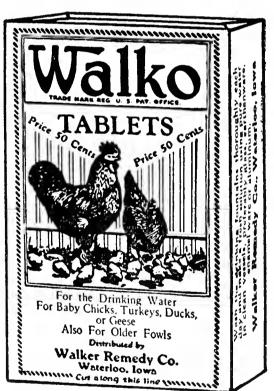
### Rutland's Water Glass

One can is sufficient to preserve from 16 to 20 dozen eggs. Price per can 50c.

### EGG-O-LATUM

EGG PRESERVATIVES

Rub a fresh egg with Egg-o-latum. Set it away on end in a cool dry cellar and it will keep prefectly fresh for one year. Price 50e, postpaid.



### Walko **Tablets**

Especially valuable for white diarrhoea among in cubator chicks. Tends to increase strength and vitality and should be given in drinking water as a preventive from the time chicks are out of the shell. 50c and \$1.00 pkgs.

### SALT

All Prices Subject to Change without notice Fine Salt— 25-lb. sack\_\_\_\_\$ .35 100-lb. sack\_\_\_\_\_ .95 Stock Salt-100-lb. sack\_\_ Ice Cream Salt-100-lb. sack\_\_\_\_\_ .85 Plain Salt— 50-1b. block\_\_\_\_\_ .45 Sulphur Salt—50-lb. block

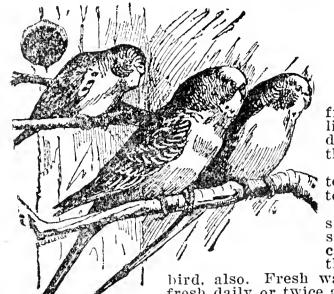
RABBOTENE MEDICATED SALT SPOOLS pared especially for Rabbits)-Compounded from pure mineral salt with iron, sulphur, potassium iodide and selected medicinal roots and herbs of great value to digestion and assimilation in rabbits. 15c each; 2 for 25c; roll of 10 spools, \$1.00.

SULPHURIZED SALT SPOOLS—5c each; 6 for 25c. PLAIN SALT SPOOLS—5c each; 6 for 25c.

### **Control Ants With Antrol**

Antrol is easy to use. It controls both sweet and grease eating ants. The mildly poisonous Antrol Syrup is not left exposed when used in Antrol eontainers. It is safe to use around children ad pets. Antrol containers are water, dirt, and rust-proof, and may be refilled and used indefinitely. Thus they are the most economical-permanent ant protection for your home.

(See page 21 for prices)



### Bird Feed and Remedies

### CARE OF BIRDS

The care of birds of all kinds is extremely simple. Proper food, plenty of fresh water, absolute cage sanitation—and your bird will live its allotted life. Care should of course be used to see that birds are not placed in draughts. Cage birds are not accustomed to draughts and cannot endure

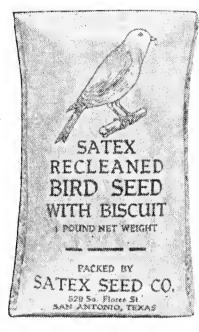
them without developing colds and often pneumonia.

The dealer from whom you purchase your bird is the logical party to tell you what to feed it and how to take care of it—and you should be sure

to ask for this information.

Cage sanitation implies a daily change and cleaning of the cage. For the smaller birds, sand should be kept in the bottom of the cage, and this sand should be changed daily. Parrots should have grit in the bottom of their cage, and this should be changed daily. If you use a litter in the bottom of the cage, and this should be changed daily. If you use a litter in the bottom of the cage, we suggest that a small cup of grit be made available for the fresh daily or twice a day. Birds should be kept free from mites, lice, etc. These pests will kill your pets if allowed to breed without disturbance. Mite powders applied to the birds are good. Cages should also be freed either with scalding water or sprayed with Flyrol. For prompt service and sufficient postage for delivery see page 1.

### Satex Mixed Bird Seed





A blend of the finest seeds to be found on the market double recleaned in order to remove all foreign particles and dust, containing Sicilian Canary, Bird Rape and Millet, mixed in the proper proportions for your bird's health and

song. Each package is packed with bird exercise ball.

	With bird carries same
WITH BISCUIT	1-lb. package with exer-
POUND NET WEIGHT	cise ball\$0.15
	Postpaid25
PACKED BY	Love Bird Mixture:
SATEX SEED CO.	per lb10
	Sicilian Canary Seed:
528 Sa Flores St. SAN ANTONIO, TEXAS	per 1b15
\	Hemp:
	per lb10
Maw or Poppy Seed, per	1b40
Millet, per 1b	.10
Bird Rape, per lb	.15
Sunflower Seed, per lb	.15

# AND BISCUIT

### French's **Bird Feeds** and Remedies

French's	Mixed Bird	Seed12c
French's	Gravel	10 <b>c</b>
French's	Bird Charco	al10c
French's	Parrot Medi	cine25c
Rurnettie	Bird Gravel	180

### Spratt's Bird Remedies

${f Egg} ext{-}{f E}$	lake	and	Fruit,	
pkg				25c
Mixed	$\mathbf{Bird}$	Seed.	pkg	25c
ling Fo	od, p	kg		15c
Finch	Mixtu	ıre		25c
Mockin	g Bir	d Foo	d	25c
	pkg Mixed Sing S Orange Moulti Cod Li ling Fo Finch Parrot Parrot	pkg	pkg. Mixed Bird Seed, Sing Song, per the Orange Color Food Moulting Food, p Cod Liver Oil Cag ling Food, pkg. Finch Mixture Parrot Mixture Parrot Tonic	Egg-Flake and Fruit, pkg



### CUTTLE FISH BONE

## Magic Song Restorer

THE IDEAL SONG AND HEALTH FOOD

A mixture which we are glad to recommend to our customers as producing the best results. Containing more expensive ingredients than other song restorers. Contains egg flakes unexcelled for young birds

002-002 2	or Journey Strain.	
$1\frac{1}{4}$ -oz.	pkg\$	.10
$3\frac{1}{2}$ -oz.	pkg	.20
5 -oz.	pkg	.30



### Haller's Bird Remedies



Mocking Bird Food\_\_\_\_\_35c Scaly Leg Oil 25c
Feather Restorer 25c
Health Food 25c Bird Cage Wash\_\_\_\_\_25c Bird Bath\_\_\_\_\_25c 

 Lice Powder
 25c

 Moulting Food
 25c

 Bird Bitters
 25c

 Bird Bitters
 25c

 Popply Sood
 25c

 Nesting Food
 15c

 Poppy Seed
 25c

 Hemp and Pepper
 -10c

 Ha-Ha Song Feed
 25c

 Health Grits
 10c

 Burnett's Louse Powder
 25c

 Burnett's Bird Tonic
 15c

### Philadelphia Bird Food Co.



Red Gravel, small size	_15c
Red Gravel, large size	_ <b>2</b> 5c
Silver Gravel, small size	_15c
Silver Gravel, large size	-25c
Song Restorer Drahotas	_15c
Mite Powder for Birds	_25 <b>c</b>
Nesting Hair in boxes	_10c
Nesting Food, box	_25c
Orange Color Food	_25c
Moulting Pepper	_25c

### Fish Foods



NOTE—We can get any style leg band you desire and numbered up to 1,000. It will take from one to two weeks to fill these special orders. 25% of amount of order required when sending in order. Mail us sample or picture of band you desire if not listed in this catalog.

### Bird Cage Supplies

Non-breakable Feed Cups	10 20
	10
	10
Nesting Hair	<b>L</b> ()
	10
	0.1
	10
	25
	75
	05
	10
	15
	20
	$\frac{25}{25}$
	15
~ max, 1.0. 2.0, 0000000000000000000000000000000	10
	30
Feed Cup, Opal, Open or Closed Top, each	15

CLOSING OUT BIRD CAGES AND STANDS We carry a complete stock of BIRD CAGES and STANDS and will quote you prices upon request.

### Gold Fish

COMMONS

- COMETS ---- FANTAILS
Write for Prices

# Sergeant's

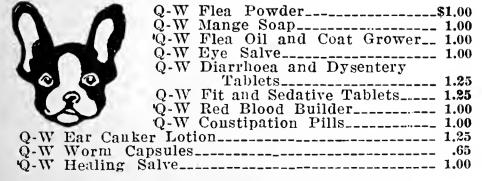
### \*Dog Medicines

Nerve Sedative (Run-Fit) Medicine	\$1.20
Special (Distemper) Medicine	1.20
Mange Medicine	.60
Mange Medicine (no tar odor)	75
Condition Pills	.60
Sure Shot Capsules for Worms	60
Sure Shot Liquid for Worms	60
Tape Worm Medicine	.60
Arsenate and Iron Pills	.60
Canker Wash for the Ear	60
Mouth Wash (for the mouth)	60
Pepsin Tablets (for indigestion)	.60
Intestinal Astringent (Diarrhoae) Medicine	
Expectorant (Cough Medicine) for Colds	.60
Diuretic (Rheumatic) Pills	.60
Dog Rub a liniment	.60
Dog Rub, a linimentEye Wash	60
Constipation Capsules	60
Carbolic Tar Soap	
Skip Flea Soap, for fleas and lice	
Skip Flea Powder	
Puppy Worm Capsules	
Shampoo Soap	25
Disinfectant, 4-oz. bottle	25
Distintectant, 4-0%. Dottie	AO

### \*Delcreo Dog Remedies

	Tonic and Conditioner	
Delcreo	Vermifuge	.60
Delcreo	Laxative	.35
Delcreo	Distemper	1.50
Delcreo	Worm Tablets	.65
Delcreo	Worm Tablets, toy dogs	.65

### \*Q-W Dog Remedies



### \*Glover's Dog Remedies

Glover's	Nerve Sedative	_\$0.65
Glover's	Sore Foot Medicine	.65
Glover's	Diarrhoea Medicine	.65
'Glover's	Vermifuge	.65
	Sulphur Tablets	
	Medicated Soap	
Glover's	Condition Pills	65

### \*Clayton's Dog Remedies

	0	
Kill Flea Powder\$ Kill Flea Soap		
Ceoline Dog Soap		
Condition Pills		1
Puppy Tonic		1
Disemperine		
Distemperine Tablets		9
Worm Bullets		
Worm Pills		20
Diarrhoea Tablets		
Blood Pills Vermifuge Capsules		
Vermifuge Capsules Vermifuge Liquid		1
Tape Worm Expeller		40
Mange Medicine		
Digestive Tablets		.60
Laxative Pills		60
Canker Lotion		.60
Fit Remedy		.60
Skin Medicine, toy dogs		.60 .00
Cod Liver Oil with Hypophosph	phates of time & Soda 1.	UU

### Red Chain Dog Nuggets

A perfectly balanced food that is not only a complete ration but is so economical that it is easily afforded by any dog owner. Composed of such ingredients as dried ground meat, dried skim milk, ground wheat, cornmeal, steam cooked oatmeal, corn germ oil meal, cod liver meal. Compressed into nugget form, they supply food in a more natural form.

Lb. 10c; 3 lbs. 25c; 25 lbs. \$1.50; 100 lbs. \$5.50.

### \*Clayton's Cat Remedies

Cat Mange Remedy\$	
Cat Distemperine Tablets	.60
Cat Tonic Catnip Condition	CALOROLIA P
Tablets	.60
Cat Blood Purifying and	
Cooling	.60
Cat Laxative Tablets	.60
Cat Digestive Tablets	.60
Cat Worm Tablets	.60
Cat_Tape Worm Expeller	
Tablets	.60
Cat Vermifuge (liquid)	-60 CATREMEDIES
Cat Canker Lotion Tablets	.60
Cat Fit Tablets	.60
Cat Diarrhoea Tablets	
Cat Wash and Disinfectant	
Cat Mouth Wash	
Cat Eye Lotion	60
Cat Cough Remedy	.60
Cat Soap	0=

### COMPLETE STOCK OF DOG SUPPLIES

Blankets, Sweaters, Collars, Leashes, Harness, Muzzles, etc. Should you be interested in any of these items, we would be glad to mail you a price list.

### Free Dog Book

Polk Miller's famous book on the care, feeding and breeding of dogs will be sent free to all dog owners and dog lovers.

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Name of	Quantity required	Quantity	Distances ap	apart in inches	Depth of planting	Time of	
Vegetable	for 100 feet of row	for one acre	Rows	In Rows	in inches	Planting	Mature in days—except as noted
Asparagus Plants	60 to 80	င်	36		8 to 10	ary and February	ye
Beans, SnapBeans, Dolo	=======================================		03 % 0 %	3 to 4 12 to 15	<del></del>		40 to 60 50 to 80
Lima,	1 1b.	to 60	$\tilde{s}_{0}$			to May; Aug. to	¥
• • •	½ 1b. 2 oz.	15 to 20 lbs. 4 to 5 lbs.	36 12	100	1 to 2	00	
!!	1/4 0Z.		30	2 <del>4</del>	72	April to July October to December	112 to 126
	3 3 4.4	½ 10.	24 to 36	30.	727	and July	223
	$80  ext{ to } 100$	9,680 3 to 4 lbs.	24 15	12 to 15 1 to 2	2 to 4 1/2	May; Aug. to Apr.; Aug. to	ಭ
Cauliflower	1/4 0Z.	74 1b.			1/2/2	٠. ئ	
Colards	$\frac{1}{4}$ 0Z. $\frac{1}{2}$ 0Z.	74 10.		100	~~~	September to May	30
Corn, Pop	½ 1b. 1 1b.	6 lbs.	36 24 6	12 to	$\begin{array}{ccc} & 1 & 1 \\ 1 & \text{to} & 2 \end{array}$	March to July Feb. to April; August	90 to 100 60 to 75
Cucumber.	$\frac{1}{2}$ 0z.	1 to 2 lbs.	48	to to	₩,	March to May; August	to
Egg Plant Seed Egg Plant Plants	$\frac{18}{50} \text{ to } 65$	7, 10. 7,260	24 10 50 24	18 to 24	72 to 3	January to July March to July	
Endive	1 oz.	1/2 to 1 lb.	$\frac{18}{24}$	to to	3 to 4	Feb. to April; August February and March	S5 to 175 1 to 2 years
KaleKale	1 0Z.	to,00	15	t 2		Ma	85 to
Kohlrabi		<del>د</del> د		to t	1/2	September to March September to March	60 to 80 60 to 90
Muskmelon or Cantaloupe	7. 02. 1 02.	101	48 to 60	ills	7,;		to \$
	12 02.	t t	$\begin{array}{c} 12 \\ 24 & \text{to}  30 \end{array}$	10 to 12	<b>≵</b> ‡	Feb. to May; July to Nov. March to July	3 2
1		to 2	27		1/2 to 1	October to April	
Onion Plants	$\frac{300}{200}$	30,000 6 to 12 bu.	12 to 15	2 to 3	to 20	January to May Jan. to Apr.; Aug. to Sept.	
		ကြ	12	to †	**	September to May	\$\$
Parsnips	$\frac{1}{2}$ 0z.	3 to 5 lbs.	12 to 15 15 to 18	200	3 to 4	Feb., march and September Jan. to Mar.; Aug. to Nov.	
Pepper Seed	0.	14 lb.	to		724	December to March	100 to 140
Pepper PlantsPotato, Irish	S0 to 100 5 to 6 lbs.	9,680 600 lbs.	13 24	32	6 to 8	February to April	32.
Potato, Sweet, Slips	65.	10,	36 to 48 60 to 72	18 60 to 72	<b>₽</b> −	March to July March to July	125 to 150 100 to 150
Radish		123	12		14 to 1/2	September to May	
Rhubarb Roots	35 1 02.	4,000 2 to 5 lbs.	50 15	1 to 2	22%	RTS	115 to 175
Spinach		, 13.	12	1 94	1 to ½	Feb. to April; Sept. to Nov.	
Squash, Bush	$\frac{1}{1}$ 02.	22	36 to 48	98 		April to August 15th	32.
Tomato Seed	½ 02. 50 to 65	14 1b. 2.725	to 24	36 to		December to July April and May	22
	1 0z.	1 to 2 lbs.	$\frac{15}{10}$	1 to 3	1/4 to 1/2	Feb. to May; July to Nov.	50 to 80 115 to 150
watermetom	72 02.	2	3		,		

# 529 SOUTH FLORES STREET SEED COMPANY SAN ANTONIO, TEXAS

From		

Going to.

### SATEX SEED CO.

For Better Seed and Poultry Supplies

529 SOUTH FLORES ST.

SAN ANTONIO,

**TEXAS** 



### ORDER SHEET

FILL ME OUT AND SEND ME IN TODAY TO

### SATEX SEED COMPANY

### For Better Seeds and Poultry Supplies

529 S. Flores St.

San Antonio, Texas

Satex Seed Co. give no warranty, expressed or implied as to description, quality, productiveness or any other matter of any seeds, bulbs, plants, or trees they send out, and will be in no way responsible for the crop. If the purchaser does not accept seed on these terms, they are at once to be returned.

Your Name	$egin{cases} \mathbf{Mr.} \\ \mathbf{Miss} \\ \mathbf{Mrs.} \end{cases}$						Date		193
Street Address No. Rural Deliv							P. O. Ord		\$
Post Office	-		1				Postage S	Stamp	<u>s \$</u>
County			Sta	te			Draft or (	Check	\$
Forward thi	s order l	by					Coin	order N	\$
Station or E	xpress (ent from P. C	Office	9				Our	Order r	vo.
	-	PLEAS	SE DO N	OT WRIT	E IN THIS S	PACE			
M. O.		C.		Inc.					193
Ck.		S.		Fif					193
Quantity		A	ARTICLE	S WANTI	ED	(	Lbs. Weight Not Postpaid)	Pl	RICE
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	Postage zone on	Lbs.	-	
	NOTE—Should there be a few cents difference in postage we will send extra seed for the amount.			

TO OUR CUSTOMERS: We would appreciate the names of a few of your friends who are interested in gardening or poultry raising. We believe that we have a catalog of real value and that your friends would appreciate copy of same. Thanking you for any names that you may send us and assuring you of our appreciation of your valued patronage, we are,

Respectfully yours, SATEX SEED COMPANY, INC.

NAME	POST OFFICE	STATE
	,	

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Carbon Bisulphide	22	Kale	4	Sodium FluorideSorghums	
Cat Remedies	47	Kalo Insecticides Kohl Rabi	24	Spinach Spray Pumps2	9
Cauliflower	3			Squash Star Parasite Remover	9
Chard, SwissChick Boxes	<sup>2</sup>	— L —		Stim-U-Plant	21
Chick FeedersClover	28-30	Lactie	37	Storage BroodersSulphur	24-46
Coccidiosis Remedy	37	Leg Bands Lee's Poultry Remedies	41-42	SunflowerSuper-Ol	39
Collards	4	LeGear's Remedies Lettuce		Sweet PeasSwiss Chard	14
Conkey's Poultry Remedies Copper Sulphate	43 23	Lime Sulphur London Purple	23	SWISS CHAIT	2
CopperasCotton		Mondon Turpless	40		
Corn, FieldCorn, Broom	16	— M —		— <b>T</b> —	0.0
Corn, Sweet	3	Mangel Wurzel	2	Thermometers Tobacco Dust	23
Creosote Dip	41	Martin's Screw Worm Killer Mash Hoppers	31	Tomatoes	9-10
CrotoxCrude Carbolic Acid	41	Milk Bottle Caps Millet	45	Trap Nest Fronts Tree Tanglefoot	34
Cubor Spray Cucumbers		Moisture Gauge Muskmelon	33	Trowels	27
CuprocideCyanogas	22	Mustard		Turnips Tuberose Bulbs	15
- D -		— Me —		— U —	
Dawg-Gone	19	McClellan's Poultry Remedies	38-39	Udder Help	44
Destruxol Dog Bread					
Dog Remedies Don Sung	40, 47	— N —		— V —	
Dr. Hess Remedies Drinking Founts	40-41	Nasal Syringe	42	Vapo Spray	41
Dimking Founts	80-81	Nest Egg Nicotox	45	Vernox	39
- E -		Nitragin Nux Vomica	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Vigoro	51
Egg Baskets	34	Nox Infecto	38		
Egg Boxes	34			_ w _	
Egg Carriers Egg Plant Egg Scale	<del>4</del>	-0-		Walko TabletsWatermelons	45 5-6
Egg Tester	32	Oat SprouterOkra	6	Water Glass	45
EndiveEpsom Salts	45	Onion PlantsOnion Seeds	7 7	Weed Killer Weeder Wing Bands	27 27
		Onion Sets	Ğ	Wing Bands	32
- F-		**			
Fertilizers16-1	21 7-18-19	-P- Paradichlorobenzol	22	— <b>Y</b> —	
Fish Food	46	Paris Green	23	Yard Egg Boxes	34
Fish Oil SoapFlex-O-Glass	20	Parsley Parsnip	<b>7</b>		
Flower Pots11	to 15	Peas	7-8	_ Z _	س <b>د</b> در
Elu Koff Romody	41	Post Moss	97	Zinnias	15

NEW

# COLLARETTE MARIGOLD CROWN OF GOLD

Average height of plant 24 inches. Flowers from 2 to 3 inches in diameter; heads of Pompon type resembling a golden chrysanthemum. Flowers have delicate and delightful fragrance and entirely lack pungent odor so characteristic of all other varieties of Marigold.

PACKET

25c

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